



# LCD-TV

Chassis : G3F26CCN  
G3F32CCN

Model : LN26B350F1  
LN32B350F1

## ***SERVICE***Manual

### TFT-LCD TV



LN26B350F1/LN32B350F1

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# 1. Precautions

## 1-1. Safety Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

### 1-1-1. Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC power jack before servicing.

### 1-1-2. Servicing the LCD TV

1. When servicing the LCD TV, Disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times.  
Check the calibration of this meter periodically.

### 1-1-3. Fire and Shock Hazard

Before returning the LCD TV to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the LCD TV.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor/capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):

**WARNING :** Do not use an isolation transformer during this test.

Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).

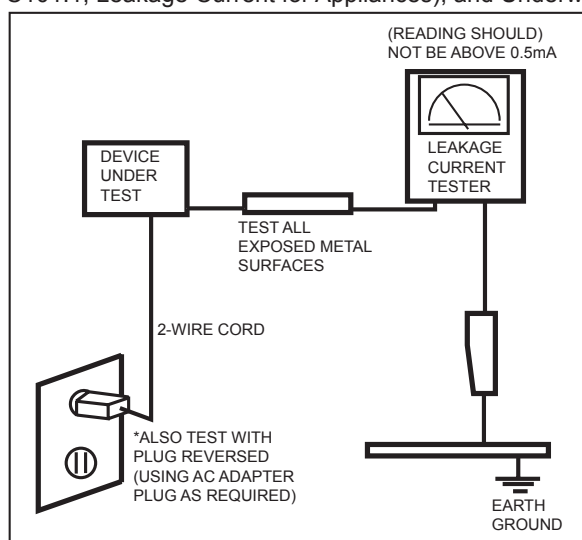



Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts.  
The current measured should not exceed 0.5 milliamp.  
Reverse the power-plug prongs in the AC outlet and repeat the test.

### 1-1-4. Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by  on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

## 1-2. Servicing Precautions

**WARNING:** An electrolytic capacitor installed with the wrong polarity might explode.

**Caution:** Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

**Note:** If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

### 1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:  
(a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug. The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

## 1-3. Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the LCD TV.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.  
**Caution:** Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.



## **1-4. Installation Precautions**

1. For safety reasons, more than a people are required for carrying the product.
2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.
3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal temperature may cause fire.
4. Bend the external antenna cable when connecting it to the product. This is a measure to protect it from being exposed to moisture. Otherwise, it may cause a fire or electric shock.
5. Make sure to turn the power off and unplug the power cord from the outlet before repositioning the product. Also check the antenna cable or the external connectors if they are fully unplugged. Damage to the cord may cause fire or electric shock.
6. Keep the antenna far away from any high-voltage cables and install it firmly. Contact with the highvoltage cable or the antenna falling over may cause fire or electric shock.
7. When installing the product, leave enough space (0.1m) between the product and the wall for ventilation purposes. A rise in temperature within the product may cause fire.

## Memo

Model	LN26B350F1	
Feature		
<ul style="list-style-type: none"><li>▶ RF, 1-HDMI, 1-HDMI/DVI, 1-Component, 1-AV, D-sub</li><li>▶ Brightness : 450cd/m<sup>2</sup></li><li>▶ Contrast Ratio : 3000:1</li><li>▶ Response time : 8ms</li><li>▶ Dynamic contrast, PVA, TN</li><li>▶ PIP(in HDMI 1, 2, 3, Component 1, PC Mode and Sub picture is available only in TV analog mode)</li></ul>		
Specifications		
Item	Description	
LCD Panel	TFT-LCD panel, T260XW02 VS, AU26X2S,RGB vertical stripe, 1366 x 768 pixels, 26-Inch viewable, Normally Black, pixel pitch 0.4215 mm	
Scanning Frequency	Horizontal : 43 kHz ~ 53 kHz (Automatic) Vertical : 47 Hz ~ 63 Hz (Automatic)	
Display Colors	16.7 million colors	
Maximum resolution	Horizontal : 1366 Pixels Vertical : 768 Pixels	
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal	H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate	85.5MHz	
Active Display Horizontal/Vertical	575.769 (H) x 323.712(V) mm	
AC power voltage & Frequency	AC 110V ~ 240V, 50/60Hz	
Power Consumption	<80 W ( < 1W, stand by )	
Dimensions Set (W x D x H)	664.8 x 214.8 x 496.4mm (with stand) 664.8 x 75.1 x 452.8mm (without stand)	
Weight (Set)	7.16kg (with stand) 6.58kg (without stand)	
TV System	Tuning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	PAL, SECAM, NT4.43,NT3.58
	Sound	BG, DK, M, I
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5% ~ 95%, non-condensing	
Audio spec.	- MAX Internal speaker Out : Right => 5W, Left => 5W - BASS Control Range : -8 dB ~ + 8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2. Product specifications

Model		LN32B350F1	
<b>Feature</b>			
<ul style="list-style-type: none"> <li>▶ RF, 1-HDMI, 1-HDMI/DVI, 1-Component, 1-AV, D-sub</li> <li>▶ Brightness : 450cd/m<sup>2</sup></li> <li>▶ Contrast Ratio : 3000:1</li> <li>▶ Response time : 8ms</li> <li>▶ Dynamic contrast, Super-PVA</li> <li>▶ PIP(in HDMI 1, 2, 3, Component 1, PC Mode and Sub picture is available only in TV analog mode)</li> </ul>			
<b>Specifications</b>			
Item		Description	
LCD Panel	TFT-LCD panel, T315XW02 VV, AU31X2V, RGB vertical stripe, 1366 x 768 pixels, 32-Inch viewable, Normally Black, pixel pitch 0.51075 mm		
Scanning Frequency	Horizontal : 43 kHz ~ 53 kHz (Automatic) Vertical : 47 Hz ~ 63 Hz (Automatic)		
Display Colors	16.7 million colors		
Maximum resolution	Horizontal : 1366 Pixels Vertical : 768 Pixels		
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated		
Input Sync Signal	H/V Separate, TTL, P. or N.		
Maximum Pixel Clock rate	310MHz		
Active Display Horizontal/Vertical	697.685 (H) x 392.256 (V) mm		
AC power voltage & Frequency	AC 110V ~ 240V, 50/60Hz		
Power Consumption	<110 W ( < 1W, stand by )		
Dimensions Set (W x D x H)	798.8 x 217.8 x 573.4mm (with stand) 798.8 x 75.6 x 529.8mm (without stand)		
Weight (Set)	10.04kg (with stand) 9.3kg (without stand)		
TV System	Tuning	Frequency Synthesize (Refer to detailed Frequency Table)	
	System	PAL, SECAM, NT4.43, NT3.58	
	Sound	BG, DK, M, I	
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5% ~ 95%, non-condensing		
Audio spec.	- MAX Internal speaker Out : Right => 10W, Left => 10W - BASS Control Range : -8 dB ~ + 8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz		

## CHANNEL FREQUENCY TABLE

1. OUTPUT FREQUENCY : ANALOG fv:45.75MHz, fs:41.25MHz    DIGITAL Fc:44MHz



2. TUNING STEP SIZE : FIRST PLL 250KHz    SECOND PLL 62.5KHz

OSD	CH NO	AIR		BAND	CH NO	Cable STD		BAND	CH NO	Cable HRC		CH NO	Cable IRC	
		Air-DTV	Air-NTSC											
1	1								A-8	72.00		A-8	73.25	
2	2	57	55.25	V-L	2	55.25		V-L	2	54.00		2	55.25	
3	3	63	61.25	V-L	3	61.25		V-L	3	60.00		3	61.25	
4	4	69	67.25	V-L	4	67.25		V-L	4	66.00		4	67.25	
5	5	79	77.25	V-L	5	77.25		V-L	A-7	78.00		A-7	79.25	
6	6	85	83.25	V-L	6	83.25		V-L	A-6	84.00		A-6	85.25	
7	7	177	175.25	V-H	7	175.25		V-H	7	174.00		7	175.25	
8	8	183	181.25	V-H	8	181.25		V-H	8	180.00		8	181.25	
9	9	189	187.25	V-H	9	187.25		V-H	9	186.00		9	187.25	
10	10	195	193.25	V-H	10	193.25		V-H	10	192.00		10	193.25	
11	11	201	199.25	V-H	11	199.25		V-H	11	198.00		11	199.25	
12	12	207	205.25	V-H	12	205.25		V-H	12	204.00		12	205.25	
13	13	213	211.25	V-H	13	211.25		V-H	13	210.00		13	211.25	
14	14	473	471.25	UHF	A	121.25		MID	A	120.00		A	121.25	
15	15	479	477.25	UHF	B	127.25		MID	B	126.00		B	127.25	
16	16	485	483.25	UHF	C	133.25		MID	C	132.00		C	133.25	
17	17	491	489.25	UHF	D	139.25		MID	D	138.00		D	139.25	
18	18	497	495.25	UHF	E	145.25		MID	E	144.00		E	145.25	
19	19	503	501.25	UHF	F	151.25		MID	F	150.00		F	151.25	
20	20	509	507.25	UHF	G	157.25		MID	G	156.00		G	157.25	
21	21	515	513.25	UHF	H	163.25		MID	H	162.00		H	163.25	
22	22	521	519.25	UHF	I	169.25		MID	I	168.00		I	169.25	
23	23	527	525.25	UHF	J	175.25		SUPER	J	174.00		J	175.25	
24	24	533	531.25	UHF	K	181.25		SUPER	K	180.00		K	181.25	
25	25	539	537.25	UHF	L	187.25		SUPER	L	186.00		L	187.25	
26	26	545	543.25	UHF	M	193.25		SUPER	M	192.00		M	193.25	
27	27	551	549.25	UHF	N	199.25		SUPER	N	198.00		N	199.25	
28	28	557	555.25	UHF	O	205.25		SUPER	O	204.00		O	205.25	
29	29	563	561.25	UHF	P	211.25		SUPER	P	210.00		P	211.25	
30	30	569	567.25	UHF	Q	217.25		SUPER	Q	216.00		Q	217.25	
31	31	575	573.25	UHF	R	223.25		SUPER	R	222.00		R	223.25	
32	32	581	579.25	UHF	S	229.25		SUPER	S	228.00		S	229.25	
33	33	587	585.25	UHF	T	235.25		SUPER	T	234.00		T	235.25	
34	34	593	591.25	UHF	U	241.25		SUPER	U	240.00		U	241.25	
35	35	599	597.25	UHF	V	247.25		SUPER	V	246.00		V	247.25	
36	36	605	603.25	UHF	W	253.25		SUPER	W	252.00		W	253.25	
37	37	611	609.25	UHF	AA	259.25		HYPER	AA	258.00		AA	259.25	
38	38	617	615.25	UHF	BB	265.25		HYPER	BB	264.00		BB	265.25	
39	39	623	621.25	UHF	CC	271.25		HYPER	CC	270.00		CC	271.25	
40	40	629	627.25	UHF	DD	277.25		HYPER	DD	276.00		DD	277.25	
41	41	635	633.25	UHF	EE	283.25		HYPER	EE	282.00		EE	283.25	
42	42	641	639.25	UHF	FF	289.25		HYPER	FF	288.00		FF	289.25	
43	43	647	645.25	UHF	GG	295.25		HYPER	GG	294.00		GG	295.25	
44	44	653	651.25	UHF	HH	301.25		HYPER	HH	300.00		HH	301.25	
45	45	659	657.25	UHF	II	307.25		HYPER	II	306.00		II	307.25	
46	46	665	663.25	UHF	JJ	313.25		HYPER	JJ	312.00		JJ	313.25	
47	47	671	669.25	UHF	KK	319.25		HYPER	KK	318.00		KK	319.25	
48	48	677	675.25	UHF	LL	325.25		HYPER	LL	324.00		LL	325.25	
49	49	683	681.25	UHF	MM	331.25		HYPER	MM	330.00		MM	331.25	
50	50	689	687.25	UHF	NN	337.25		HYPER	NN	336.00		NN	337.25	
51	51	695	693.25	UHF	OO	343.25		HYPER	OO	342.00		OO	343.25	
52	52	701	699.25	UHF	PP	349.25		HYPER	PP	348.00		PP	349.25	
53	53	707	705.25	UHF	QQ	355.25		HYPER	QQ	354.00		QQ	355.25	
54	54	713	711.25	UHF	RR	361.25		HYPER	RR	360.00		RR	361.25	
55	55	719	717.25	UHF	SS	367.25		HYPER	SS	366.00		SS	367.25	
56	56	725	723.25	UHF	TT	373.25		HYPER	TT	372.00		TT	723.25	
57	57	731	729.25	UHF	UU	379.25		HYPER	UU	378.00		UU	729.25	
58	58	737	735.25	UHF	VV	385.25		HYPER	VV	384.00		VV	735.25	
59	59	743	741.25	UHF	WW	391.25		HYPER	WW	390.00		WW	741.25	
60	60	749	747.25	UHF	XX	397.25		HYPER	XX	396.00		XX	747.25	
61	61	755	753.25	UHF	YY	403.25		HYPER	YY	402.00		YY	753.25	
62	62	761	759.25	UHF	ZZ	409.25		HYPER	ZZ	408.00		ZZ	759.25	
63	63	767	765.25	UHF	AAA	415.25		HYPER	AAA	414.00		AAA	765.25	
64	64	773	771.25	UHF	BBB	421.25		HYPER	BBB	420.00		BBB	771.25	
65	65	779	777.25	UHF	CCC	427.25		ULTRA	CCC	426.00		CCC	777.25	
66	66	785	783.25	UHF	DDD	433.25		ULTRA	DDD	432.00		DDD	783.25	
67	67	791	789.25	UHF	EEE	439.25		ULTRA	EEE	438.00		EEE	789.25	
68	68	797	795.25	UHF	FFF	445.25		ULTRA	FFF	444.00		FFF	795.25	
69	69	803	801.25	UHF	GGG	451.25		ULTRA	GGG	450.00		GGG	801.25	

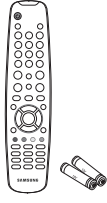
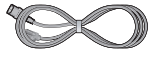
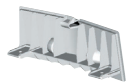
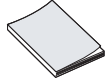
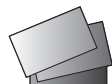

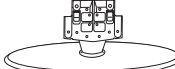
## 2. Product specifications

OSD	CH NO	AIR		BAND	CH NO	Cable STD	BAND	CH NO	Cable HRC	CH NO	Cable IRC
		Air-DTV	Air-NTSC								
70	70				HHH	499.25	ULTRA	HHH	498.00	HHH	499.25
71	71				III	505.25	ULTRA	III	504.00	III	505.25
72	72				JJJ	511.25	ULTRA	JJJ	510.00	JJJ	511.25
73	73				KKK	517.25	ULTRA	KKK	516.00	KKK	517.25
74	74				LLL	523.25	ULTRA	LLL	522.00	LLL	523.25
75	75				MMM	529.25	ULTRA	MMM	528.00	MMM	529.25
76	76				NNN	535.25	ULTRA	NNN	534.00	NNN	535.25
77	77				000	541.25	ULTRA	000	540.00	000	541.25
78	78				PPP	547.25	ULTRA	PPP	546.00	PPP	547.25
79	79				79	553.25	ULTRA	79	552.00	79	553.25
80	80				80	559.25	ULTRA	80	558.00	80	559.25
81	81				81	565.25	ULTRA	81	564.00	81	565.25
82	82				82	571.25	ULTRA	82	570.00	82	571.25
83	83				83	577.25	ULTRA	83	576.00	83	577.25
84	84				84	583.25	ULTRA	84	582.00	84	583.25
85	85				85	589.25	ULTRA	85	588.00	85	589.25
86	86				86	595.25	ULTRA	86	594.00	86	595.25
87	87				87	601.25	ULTRA	87	600.00	87	601.25
88	88				88	607.25	ULTRA	88	606.00	88	607.25
89	89				89	613.25	ULTRA	89	612.00	89	613.25
90	90				90	619.25	ULTRA	90	618.00	90	619.25
91	91				91	625.25	ULTRA	91	624.00	91	625.25
92	92				92	631.25	ULTRA	92	630.00	92	631.25
93	93				93	637.25	ULTRA	93	636.00	93	637.25
94	94				94	643.25	ULTRA	94	642.00	94	643.25
95	95				A-5	91.25	FM	A-5	90.00	A-5	91.25
96	96				A-4	97.25	FM	A-4	96.00	A-4	97.25
97	97				A-3	103.25	FM	A-3	102.00	A-3	103.25
98	98				A-2	109.25	MID	A-2	108.00	A-2	109.25
99	99				A-1	115.25	MID	A-1	114.00	A-1	115.25
100	100				100	649.25	ULTRA	100	648.00	100	649.25
101	101				101	655.25	ULTRA	101	654.00	101	655.25
102	102				102	661.25	ULTRA	102	660.00	102	661.25
103	103				103	667.25	ULTRA	103	666.00	103	667.25
104	104				104	673.25	ULTRA	104	672.00	104	673.25
105	105				105	679.25	ULTRA	105	678.00	105	679.25
106	106				106	685.25	ULTRA	106	684.00	106	685.25
107	107				107	691.25	ULTRA	107	690.00	107	691.25
108	108				108	697.25	ULTRA	108	696.00	108	697.25
109	109				109	703.25	ULTRA	109	702.00	109	703.25
110	110				110	709.25	ULTRA	110	708.00	110	709.25
111	111				111	715.25	ULTRA	111	714.00	111	715.25
112	112				112	721.25	ULTRA	112	720.00	112	721.25
113	113				113	727.25	ULTRA	113	726.00	113	727.25
114	114				114	733.25	ULTRA	114	732.00	114	733.25
115	115				115	739.25	ULTRA	115	738.00	115	739.25
116	116				116	745.25	ULTRA	116	744.00	116	745.25
.	.				.	.	.	.	.	.	.
.	.				.	.	.	.	.	.	.
125	125				125	799.25	ULTRA	125	798.00	125	799.25
.	.				.	.	.	.	.	.	.
.	.				.	.	.	.	.	.	.

## 2-2. Specification Comparison to Old Models

Model	B350(LN26/32B350F1)	Coral (LA26/32A450C1)
Design		
Display Type	LCD TV	LCD TV
Built-in Tuner	O	O
Resolution	1366 x 768	1366 x 768
LCD Panel	TFT LCD Panel 50Hz	TFT LCD Panel 50Hz
Screen Size	26"/32"	26"/32"
Picture ratio	16 : 9	16 : 9
Dimensions (W x H x D)	26 664.8 x 214.8 x 496.4mm (with stand) 664.8 x 75.1 x 452.8mm (without stand) 32 664.8 x 214.8 x 496.4mm (with stand) 664.8 x 75.1 x 452.8mm (without stand)	26 669.8 x 215.9 x 500.4mm (with stand) 669.8 x 75.4 x 450.6mm (without stand) 32 799.6 x 252 x 576.6mm (with stand) 799.6 x 79 x 525.3mm (without stand)
Weight	26 6.5kg_with stand 5.1kg_without stand 32 11.4kg_with stand 9.1kg_without stand	26 9.7kg 32 13.1kg
Brightness	450 nit	450 nit
Contrast Ratio	3000:1	2000:1
Picture Enhacer	DNle(Lola3)	DNle (FBE3)
Equalizer	O	O
Auto Motion Plus 100Hz	X	X
Surround Sound	2 Way SRS TruSurround Dolby Digital	3 Way SRS TruSurround Dolby Digital
Speaker Output	5W + 5W(26", 32")	5W + 5W(26") / 10W + 10W(32")
Antenna	1	1

## 2-3. Accessories

Product	Description	Code. No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00880A	Samsung Electronics Service center
	Power Cord	3903-000172	
	Cover-Bottom	BN63-05618B	
	Owner's Instructions	BN68-02101H	
	Warranty Card / Registration Card / Safety Guide Manual (Not available in all locations)	AA68-03184A	
	Stand Screw x 4	6002-001294	
	Stand	BN90-02198A(26") BN90-02197A(32")	

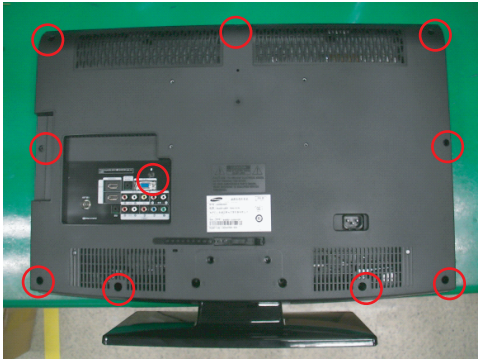





3. Disassembly and Reassembly

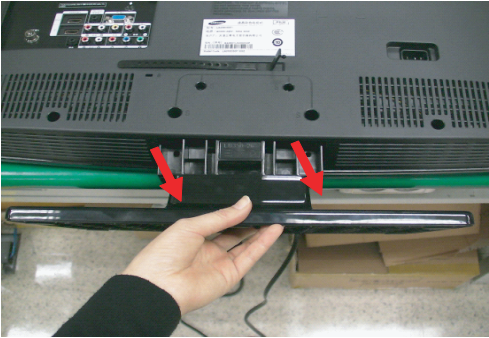
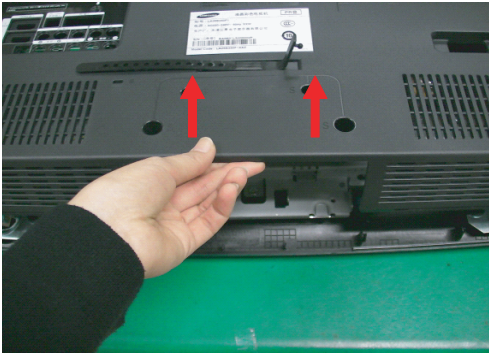
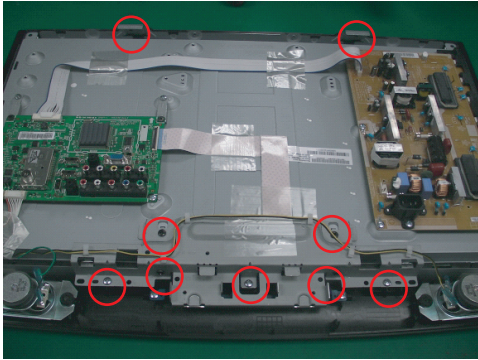
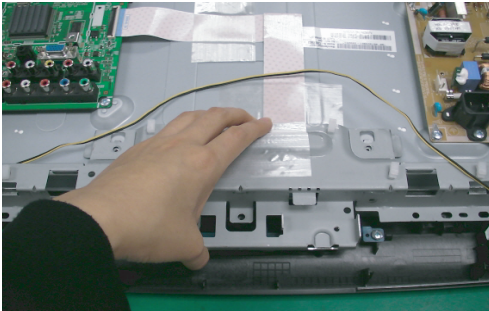
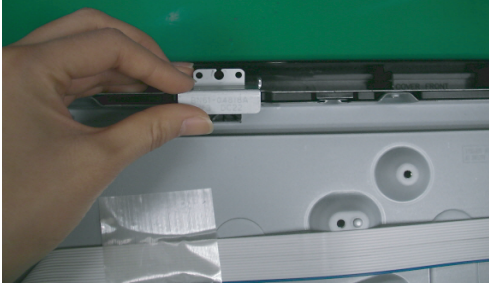
This section of the service manual describes the disassembly and reassembly procedures for the LN26B350F1 LCD TV.  
**⚠ WARNING:** This LCD TV contains electrostatically sensitive devices. Use caution when handling these components.

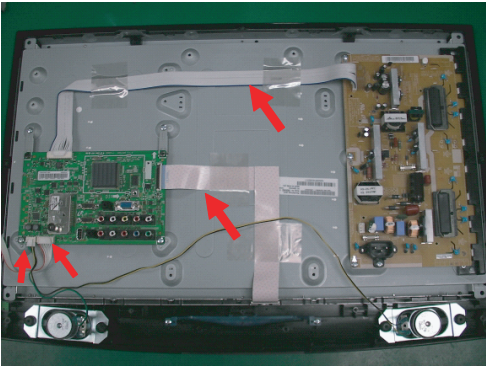
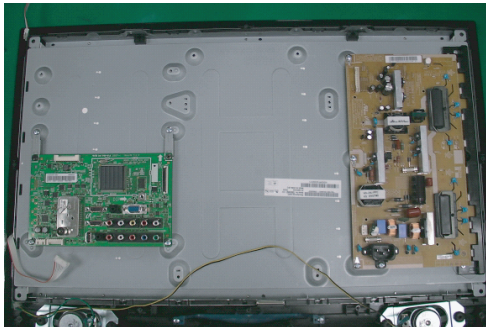



3-1. Disassembly and Reassembly

- ⚠ Cautions:**
- 1. Disconnect the LCD TV from the power source before disassembly.
  - 2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

Description	Picture Description	Screws
1. Place the TV face down on cushioned table. Remove the screws from the Stand. Remove stand.		 ○ x 10
		 ○ x 4

3. Disassembly and Reassembly

Description	Picture Description	Screws
2. Lift up rear cover and remove the stand.		
		
3. Remove Screw from the stand BRKT and top BRKT. Lift up the stand BRKT and top.		
		
		

Description	Picture Description	Screws
4. Disonnect cable from the boards.		
5. Lift up the LCD panel.		
		
		
		

※ Reassembly procedures are in the reverse order of disassembly procedures.

## 4. Troubleshooting

### 4-1. Troubleshooting

1. Check the various cable connections first.
  - Check to see if there is a burnt or damaged cable.
  - Check to see if there is a disconnected or loose cable connection.
  - Check to see if the cables are connected according to the connection diagram.

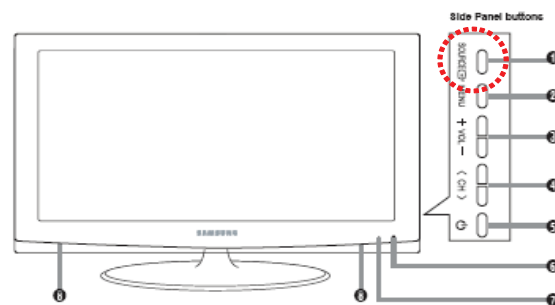
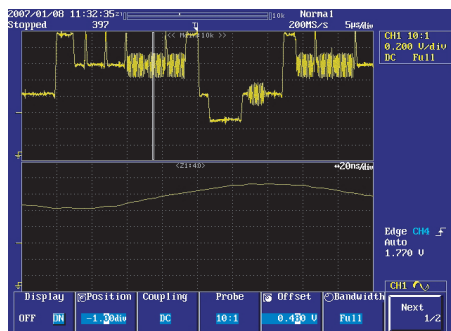
2. Check the power input to the Main Board.

Check internal Pattern lola3 if there is some picture noise.

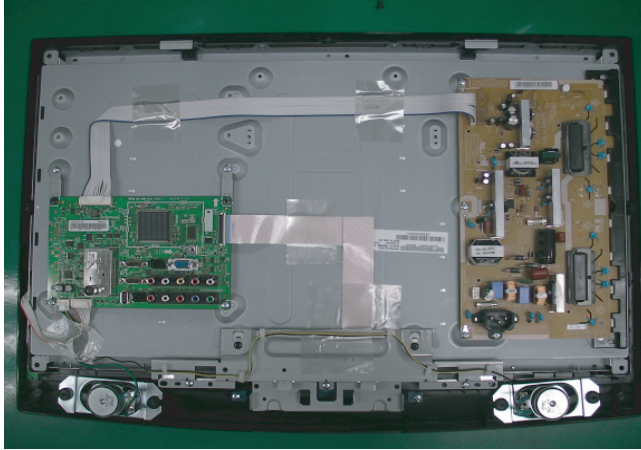
Factory mode(Info-MENU-Mute-power on → Advanced menu → MST69A84HQ → Pattern select : Off

Press right button of Remocon.

If lola3 NG, Chahge the Main Board.

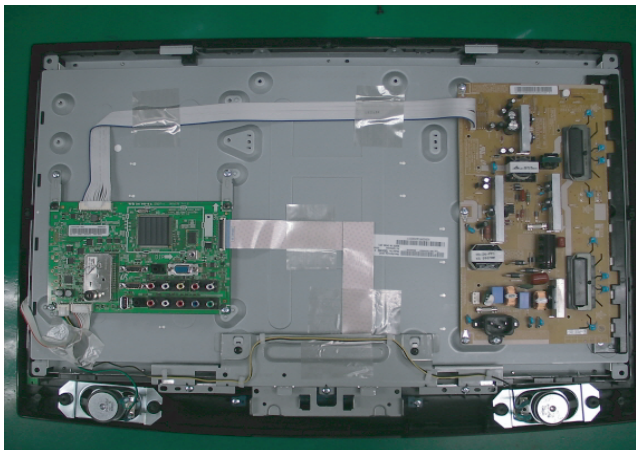


**4-1-1. No Power**

Symptom	<ul style="list-style-type: none"> <li>- The LEDs on the front panel do not work when connecting the power cord.</li> <li>- The SMPS relay does not work when connecting the power cord.</li> <li>- The units appears to be dead.</li> </ul>
Major checkpoints	<p>The IP relay or the LEDs on the front panel does not work when connecting the power cord if the cables are improperly connected or the Main Board or SMPS is not functioning. In this case, check the following:</p> <ul style="list-style-type: none"> <li>- Check the internal cable connection status inside the unit.</li> <li>- Check the fuses of each part.</li> <li>- Check the output voltage of SMPS.</li> <li>- Replace the Main Board.</li> </ul>
Diagnostics	 <pre> graph TD     Q1[LAMP off, power indicator LED red color?] -- No --&gt; A1[Check a connection a power cable.]     Q1 -- Yes --&gt; Q2[1 Does proper DC5V appear at pin 9 of CN1001?]     Q2 -- No --&gt; A2[Change a Assy PCB Power.]     Q2 -- Yes --&gt; Q3[2 Does proper DC A3.3V appear at C1031?]     Q3 -- No --&gt; A3[Check a IC1003 Change a main PCB ass'y]     Q3 -- Yes --&gt; Q4[3 Does proper DC 1.8V, 1.25V appear at R1081, C1045?]     Q4 -- No --&gt; A4[Check a IC1008, IC1004 Change a main PCB ass'y]     Q4 -- Yes --&gt; Q5[4 A power is supplied to set?]   </pre>
Caution	Make sure to disconnect the power before working on the IP board.



## 4-1-2. No Video (Analog PC signal)

Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the PC source</li> <li>Check the M-star</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     Start[Power Indicator is off. Lamp on, no video.] -- Yes --&gt; Q1{Check a PC source and check the connection of DSUB cable?}     Q1 -- No --&gt; A1[Input a analog PC signal and connected cable(DPMS).]     Q1 -- Yes --&gt; Q2{1 Does the signal appear at R6034, R6035, R6034, R6032, R6033(R,G,B,H,V) of IC6003?}     Q2 -- No --&gt; A2[PC cable change a PC cable. Change a main PCB ass'y.]     Q2 -- Yes --&gt; Q3{2 Does the digital data appear at the output of LVDS Cable?}     Q3 -- No --&gt; A3[Check a IC6003. Change a main PCB ass'y.]     Q3 -- Yes --&gt; Q4{3 Check a LVDS cable? Replace a lcd panel?}     Q4 -- Yes --&gt; End[Please, Call to Samsung Co. LTD.]   </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

1

R,G,B Output Signal

2002/01/08 10:45:29  
Stopped 204

Normal  
200MS/s 10ns/div

CH1 10:1  
0.500 0.410  
DC Full

Edge CH 1  
Auto  
1.770 0

Thumbnail

Format  
JPEG

Color  
ON

Comment

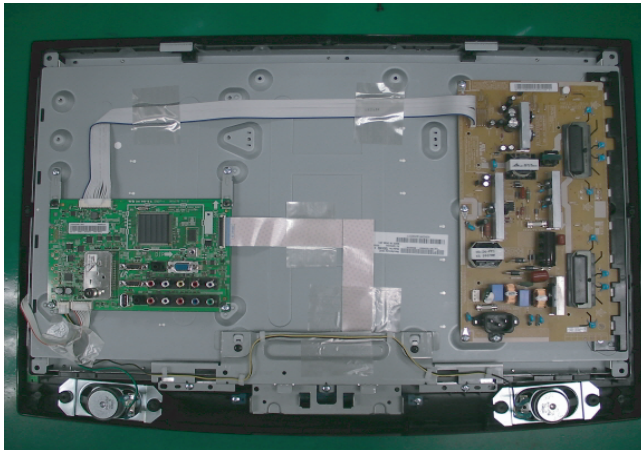
File List  
FB

File Name  
0000

20ns/div

20ns/div

### 4-1-3. No Video (HDMI - Digital Signal)

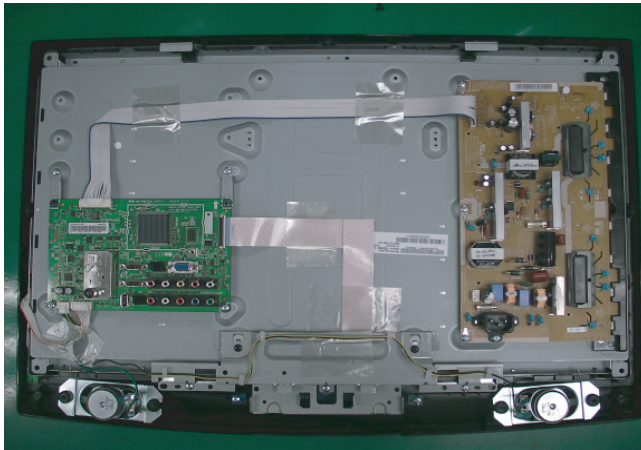
Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the HDMI source</li> <li>Check the M-star</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     Start[Power Indicator is off. Lamp on, no video.] -- Yes --&gt; Q1{1 Check the connection of HDMI cable?}     Q1 -- No --&gt; A1[Input a HDMI cable.]     Q1 -- Yes --&gt; Q2{2 Does the digital data appear at R6021~R6024, R6026~R6028, R6010~R6017?}     Q2 -- No --&gt; A2[Check a IC6003. Change a main PCB ass'y.]     Q2 -- Yes --&gt; Q3{3 Does the digital data appear at output of LVDS Cable?}     Q3 -- No --&gt; A3[Check a IC6003. Change a main PCB ass'y.]     Q3 -- Yes --&gt; Q4[Check the LVDS cable? Replace the LCD panel?]     Q4 -- Yes --&gt; End[Please, Contact Tech support]   </pre>
Caution	Make sure to disconnect the power before working on the IP board.



WAVEFORMS

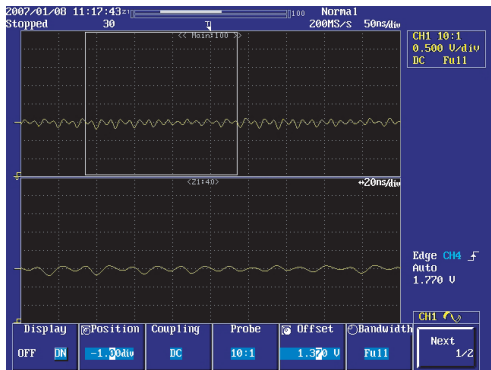
2	Digital Output Data
	
3	Signal of HDMI(Data)
	

### 4-1-4. No Video (Tuner\_CVBS)

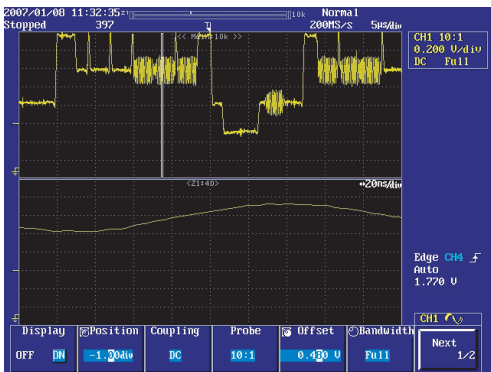
Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the Tuner CVBS source</li> <li>Check the M-star</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     A[Power Indicator is off. Lamp on, no picture.] -- No --&gt; B[Connect the RF cable and check RF signal.]     A -- Yes --&gt; C[Does the signal appear #8 of TU4001?]     C -- No --&gt; D[Check a B+ voltage (#2 of Tuner) 5V, change a main PCB ass'y.]     C -- Yes --&gt; E[Does the Signal appear at c6025 of IC6003?]     E -- No --&gt; F[Change a main PCB ass'y.]     E -- Yes --&gt; G[Check the LVDS cable? Replace the LCD panel?]     G -- Yes --&gt; H[Please, Call to Samsung Co. LTD.]           </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

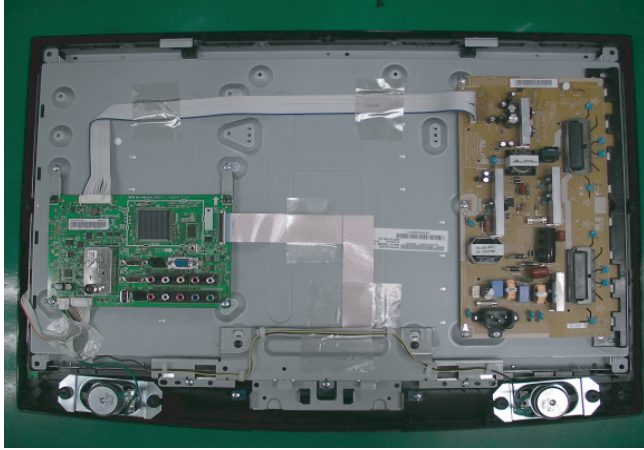
3 CVBS Output Signal



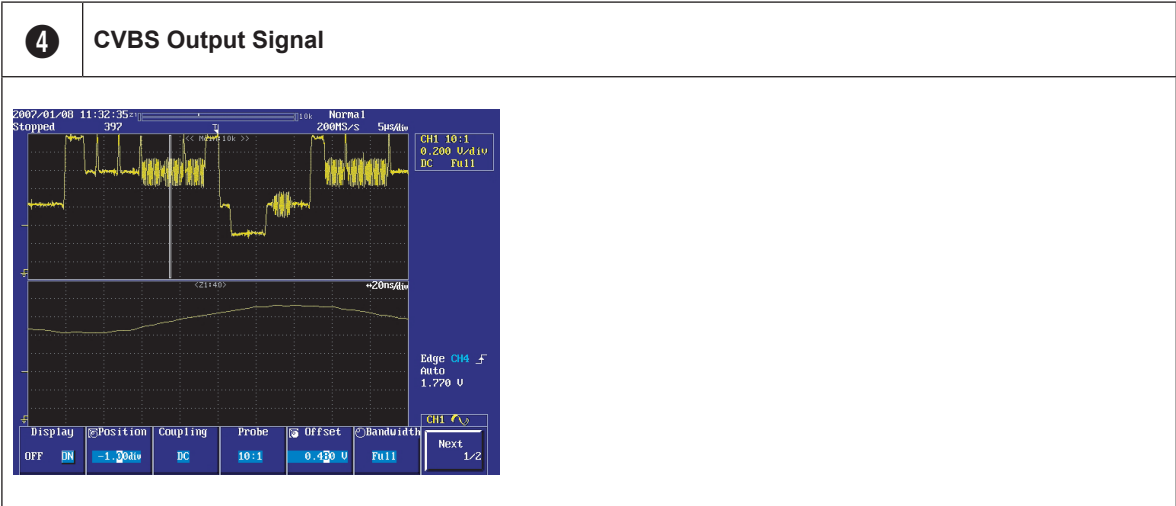
4 Tuner\_CVBS Output Signal



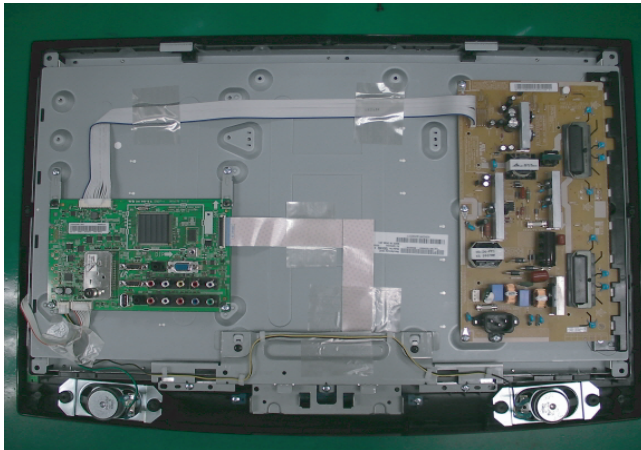
### 4-1-5. No Picture (Video\_CVBS)

Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the Video Source</li> <li>Check the M-star</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     A[Power Indicator is off. Lamp on, no picture.] -- No --&gt; B[Check a A/V cable and video signal.]     A -- Yes --&gt; C{1 Does the signal appear at C6018, C6021 of IC6003?}     C -- No --&gt; D[Check a connection harness.]     C -- Yes --&gt; E{2 Check a LVDS cable ? Replcelcd panel?}     E -- Yes --&gt; F[Please, Call to Samsung Co. LTD.]           </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

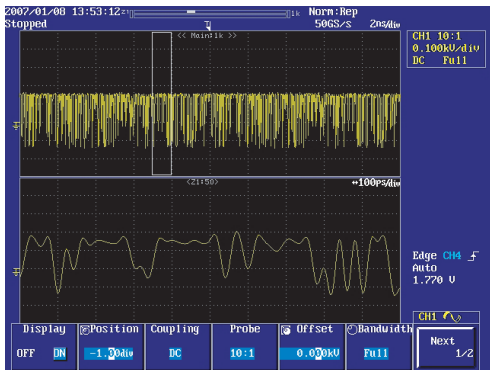


## 4-1-6. No Sound

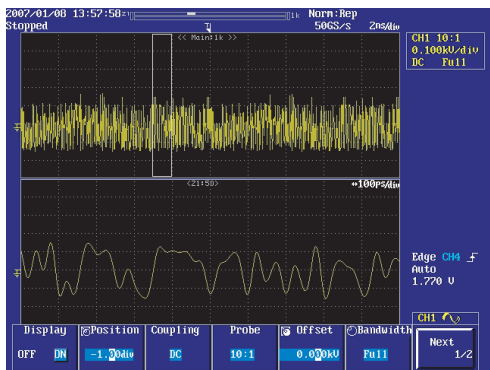
Symptom	<ul style="list-style-type: none"> <li>Audio is normal but no picture is displayed on the screen.</li> </ul>
Major checkpoints	<ul style="list-style-type: none"> <li>Check the RF Source</li> <li>Check the M-star</li> <li>This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.</li> </ul>
Diagnostics	 <pre> graph TD     Start[Picture is display, no sound.] -- No --&gt; No1[Connect a sound cable. control a volume.]     Start -- Yes --&gt; Q1{1 Does the signal appear at R2008, R2009,R2010(AUSD,AUWS,AUSCK) of IC2002?}     Q1 -- No --&gt; No2[Check a connection harness and headphone jack/side AV. Check Sound Processor IC6003(M-star)]     Q1 -- Yes --&gt; Q2{2 Check the DC 13V id IC2002?}     Q2 -- No --&gt; No3[Check a B12V Line. Change a main PCB ass'y]     Q2 -- Yes --&gt; Q3{3 Does the signal appear at L2001,L2002 near IC2002?}     Q3 -- No --&gt; No4[Change a main PCB ass'y.]     Q3 -- Yes --&gt; End[Replace the speaker ass'y?]           </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

6 The Signal are Inputed to IC1201



7 The Signal are Inputed to IC1202



## 4-2. Alignments and Adjustments

### 4-2-1. General Alignment Instruction

1. Usually, a color LCD-TV needs only slight touch-up adjustment upon installation.  
Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test result.
5. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
6. Do not attempt to connect or disconnect any wire while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
7. To protect against shock hazard, use an isolation transformer.



## 4-3. Factory Mode Adjustments

### 4-3-1 Entering Factory Mode

To enter 'Service Mode' Press the remote -control keys in this sequence :

- If you do not have Factory remote - control



- If you have Factory remote - control



- The buttons are active in the service mode.

1. Remote - Control Key : Power, Arrow Up, Arrow Down, Arrow Left

Arrow Right, Menu, Enter, Number Key(0~9)

2. Function - Control Key : Power, CH +, CH -, VOL +, VOL -,  
Menu, TV/VIDEO(Enter)

### 4-3-2 Panel Check

You have to check Panel Maker Because of different adjustments as follows.

First of all, Check the label rating!

1) Label Rating File

- LCD PANEL MARK

A:ACER(AUO) S : SEC C : CMO

\* If not printed you could consider S(sec) panel mark.

## 4-3-3 Factory Data

### ■ Option

Option	Factory Reset	OPTION	RANGE
	Type	32D_AG	22D_T,22I_T,22L_T,26D_AG, 26L_AG, 32L_AG, 32D_AG, 37L_AG, 40L_AG, 32A_AG_F, 32L_AG_F, 32D_AG_F, 32I_AG_F, 37L_AG_F, 37D_AG_F, 40A_AG_F, 40L_AG_F, 40D_AG_F, 46A_AG_F, 46L_AG_F, 46D_AG_F, 32A_AG_FF, 32L_AG_FF, 32D_AG_FF, 40A_AG_FF, 40L_AG_FF, 40D_AG_FF, 46A_AG_FF, 46D_AG_FF, 52A_AG_FF, 52L_AG_FF
	Model	B550_FBE	PB350, PB430, PB450, PB550, PB550_FBE, L_BASIC, LB350, LB360, LB360_22, LB450, LB450_22, LB460, LB480, LB480_22, LB530, LB550, B550_FBE, LB622, LB550_FBE_NM
	Tuner Select	SEMCO	SEMCO, XUGUANG
	DDR	Samsung	Samsung
	Ch Table	SUWON	SUWON, SESK, SHE, TTSEC, SEIN, SDMA, TSED, SAVINA, SIEL, TSE
	Local Set	East Asia	Vietnam, Philippines, China, India, Iran, Israel, Middle Asia, East Asia, Thailand, Africa
	P&P Language	English	English, China, French, Arabic, Persia, Hebrew, Russian
	PDP Group	P55A_50SP	P55A_50SP

### ■ ADC/WB

ADC	AV Calibration	Success	Success/Failure
	Comp Calibration	Success	Success/Failure
	PC Calibration	Success	Success/Failure
	HDMI Calibration	Success	Success/Failure

ADC Target	1st_AV_Low	17	0 ~ 255
	1st_AV_High	234	0 ~ 255
	1st_AV_Delta	3	0 ~ 255
	1st_Comp_Low	17	0 ~ 255
	1st_Comp_High	234	0 ~ 255
	1st_Comp_Delta	3	0 ~ 255
	1st_PC_Low	1	0 ~ 255
	1st_PC_High	235	0 ~ 255
	1st_PC_Delta	3	0 ~ 255
	2nd_Low	2	0 ~ 255
	2nd_High	235	0 ~ 255
	2nd_Delta	1	0 ~ 255

<b>ADC Result</b>	1st_AV_Gain	132	0 ~ 255
	1st_AV_Offset	139	0 ~ 255
	1st_Comp_Gain	67	0 ~ 255
	1st_Comp_Gain_Cb	67	0 ~ 255
	1st_Comp_Gain_Cr	67	0 ~ 255
	1st_Comp_Offset	128	0 ~ 255
	1st_Comp_Offset_Cb	128	0 ~ 255
	1st_Comp_Offset_Cr	128	0 ~ 255
	1st_PC_R_Gain	85	0 ~ 255
	1st_PC_G_Gain	85	0 ~ 255
	1st_PC_B_Gain	86	0 ~ 255
	1st_PC_R_Offset	140	0 ~ 255
	1st_PC_G_Offset	142	0 ~ 255
	1st_PC_B_Offset	142	0 ~ 255
	2nd_R_Offset	57	0 ~ 255
	2nd_G_Offset	57	0 ~ 255
	2nd_B_Offset	57	0 ~ 255
	2nd_R_Gain	114	0 ~ 255
	2nd_G_Gain	114	0 ~ 255
	2nd_B_Gain		0 ~ 255

<b>WB</b>	Sub Brightness	128	0 ~ 255
	Red Offset	128	0 ~ 255
	Green Offset	128	0 ~ 255
	Blue Offset	128	0 ~ 255
	Sub Contrast	128	0 ~ 255
	Red Gain	128	0 ~ 255
	Green Gain	128	0 ~ 255
	Blue Gain	128	0 ~ 255

## ■ Control

EDID	EDID Protect	On	On/Off
	EDID Type	L13_1920_1080	P12_1024_768, P13_1024_768, P12_1366_768, P13_1366_768, P12_1920_1080, P13_1920_1080, L12_1366_768, L13_1366_768, L12_1920_1080, L13_1920_1080
	EDID Write(0x4D,0)	L13_1920_1080 SUCCESS	P12_1024_768, P13_1024_768, P12_1366_768, P13_1366_768, P12_1920_1080, P13_1920_1080, L12_1366_768, L13_1366_768, L12_1920_1080, L13_1920_1080

Sub Option	Video Mute Time	8	0~99
	Inch	32"	19, 22, 23, 26, 27, 32, 37, 40, 42, 46, 50, 52, 57
	Dimm Type	EXT	EXT, INT, INT_NEG, EXT_POS, EXT_NEG
	D.Gamma	Off	Off, 0.85, 0.88, 0.90, 0.93, 0.95, 0.98, M1, M2, M3, M4
	Anynet+	On	On/Off
	TTX	On	On/Off
	TTX List	Flof	Flof/List
	TTX Group	Lang OSD	"Lang OSD, W Europe, E Europe, Russia, Greek, Turkey, Arab, Farsi, ArabHbrw"
	Carrier Mute	Off	On/Off
	High Devi	Off	On/Off
	Volume Curve	EA	EA, INDIA
	NT Conversion	Off	On/Off
	Auto Power	On	On/Off
	LVDS Format	DEFAULT	DEFAULT, VESA, JEIDA
	LNA Menu	Off	On/Off
	WatchDog	Off	On/Off
	Bus Stop		
	Panel Auto Setting		
	HotPlug	On	On/Off
	HotPlugCtrl	On	On/Off
	HotPlugDelay	12	0~63
	USB Upgrade	Off	On/Off
	Spread Spectrum		

Spread Spectrum	Spread Spectrum	On	On/Off
	Step 1	30	0~255
	Step 2	9	0~255
	Range 1	0	0~255
	Range 2	44	0~255
	FBE SSC	5	On/Off

## ■ PDP Option

PDP Option	PDP Filter
------------	------------

## ■ Hotel Option

Hotel Option	Hotel Mode	Off	On/Off
--------------	------------	-----	--------

## ■ Shop Option

Shop Option	Shop Mode	Off	On/Off
-------------	-----------	-----	--------

## ■ Sound

SOUND	Detection Threshold			OPTION	RANGE
	Pilot Threshold	M2S Thr High	2	0~255	
		M2S Thr Low	144	0~255	
		S2M Thr High	1	0~255	
		S2M Thr Low	176	0~255	
SOUND	Carrier1 Threshold	Amp On Thr High	2	0~255	
		Amp On Thr Low	0	0~255	
		Amp Off Thr High	1	0~255	
		Amp Off Thr Low	0	0~255	
		NSR On Thr High	16	0~255	
		NSR On Thr Low	0	0~255	
		NSR Off Thr High	32	0~255	
		NSR Off Thr Low	0	0~255	
	Carrier2 Threshold	Amp On Thr High	2	0~255	
		Amp On Thr Low	0	0~255	
		Amp Off Thr High	1	0~255	
		Amp Off Thr Low	0	0~255	
		NSR On Thr High	13	0~255	
		NSR On Thr Low	0	0~255	
		NSR Off Thr High	24	0~255	
		NSR Off Thr Low	0	0~255	
	FM Prescale	23	0~40		
	AM Prescale	22	0~40		
	NICAM Prescale	33	0~40		
	FM M Prescale	23	0~40		
	SC1 Vol	16	0~40		
	SC2 Vol	16	0~40		
	Audio Delay Normal	8	0~255		
	Audio Delay Game	8	0~255		
	Num Of Check	10	0~60		
	Stereo Cnt	10	0~60		
	MP3 Level	0	0~60		
	Ext Volume Scale	2	0~100		
	R2E Scart2 Offset	2	0~40		
	NTP Master Volume	32	0~48		
	NTP PWM Modulation	254	0~255		
	NTP DRC Thresh1	55	0~127		
	NTP DRC Thresh2	80	0~127		
	NTP Speaker EQ	On	On/Off		

## ■ MST69A84HQ

VDEC	SYNC_LVL	255	0~255
	HPLL_MD	0	0~1
	HPLL_SPD1	16	0~63
	HPLL_SPD2	32	0~255
	CBCRLP_MD	1	0~3
	YC_DLY	1	0~3
	IFCOMP	0	0~63
	SAT_ADJ	128	0~255
	YSEPFLT	7	0~7
	NOISE_LVL	0	0~255

IPC/MJC	Film Det Speed NT	80	0~255
	Film Det Speed PAL	80	0~255
	Motion Hist	5	0~7
	Motion History	3	0~7

Color Space	Red Sat	25	0~30
	Red Hue	64	0~127
	Green Sat	34	0~30
	Green Hue	127	0~127
	Blue Sat	37	0~30
	Blue Hue	80	0~127
	Cyan Sat	37	0~30
	Cyan Hue	80	0~127
	Magenta Sat	25	0~30
	Magenta Hue	64	0~127
	Yellow Sat	23	0~30
	Yellow Hue	64	0~127
	FWC Blue	21	0~30
	FWC Red	21	0~30

## ■ FBE

FBE	Pattern Select		0~25
	B-Slope Gain		0~255
	B-Tilt Min		0~255
	B-Tilt Max		0~255
	LFuc-Basis		0~255
	HFuc-Basis		0~255
	Mean-Offset1		0~255
	Mean-Offset2		0~255
	Mean-Slope		0~255
	ACR Offset		0~127
	ACR Th1		0~255
	ACR Th2		0~255
	Skin Enable		0~255
	Skin Uv		0~255
	Mskin Uv		0~255
	Sub Color		0~255
	Msub Color		0~255

## ■ WB Movie

WB Movie	WB Moive	Off	On/Off
	Color Mode	Movie	Dynamic, Standard, Movie
	Color Tone	Cool	Cool, Normal, Warm1, Warm2
	Msub Brigh	128	0~255
	Msub Contr	128	0~255
	W1_RGAIN	138	0~255
	W1_BGAIN	109	0~255
	W1_ROFFS	128	0~255
	W1_BOFFS	128	0~255
	W2_RGAIN	144	0~255
	W2_BGAIN	84	0~255
	W2_ROFFS	128	0~255
	W2_BOFFS	128	0~255
	NO_RGAIN	134	0~255
	NO_BGAIN	109	0~255
	NO_ROFFS	128	0~255
	NO_BOFFS	128	0~255
	Movie_Contr	100	0~100
	Movie_Brigh	45	0~100
	Moive_Color	55	0~100
	Moive_Sharp	75	0~100
	Moive_Tint	50	0~100
	Mv BkLight	10	0~10
	M.Gamma	Off	-5~5
	M.S.Gamma	-3	-3~3

## ■ EPA Standard

EPA Standard	Std Contr	95	0~100
	Std Bright	45	0~100
	Std Sharp	40	0~100
	Std Color	50	0~100
	Std Tint	50	0~100
	Std Backlight	7	0~10

## ■ Adjust

Adjust	Dynamic Dimming	Off	On/Off		
	Dynamic CE				
			Dynamic CE	Off	On/Off
			B Slope	Off	On/Off
	LNA Plus		RF Db 0 Level	3	0~255
			RF Db 1 Level	8	0~255
			RF Db 2 Level	13	0~255
			RF Db 3 Level	25	0~255
	Megazine LNA	Off	On/Off		
	UART Select	Off	On/Off		
	Debug Mode	Normal	Normal, NONE, MSTAR, Run Time		
	BackEndMute	Off	On/Off		
	PixelShift Test	Off	On/Off		
	Hp Detect	High	On/Off		
	?????		High/Low		
	PDP FRC	On	On/Off		
	Visual Test	Off	On/Off		



## ■ YC\_Delay

YC Delay	PAL BG	1	0~3
	PAL DK	1	0~3
	PAL I	1	0~3
	SECAM BG	4	0~7
	SECAM DK	4	0~7
	SECAM L	4	0~7
	NTSC 358	1	0~3
	NTSC 443	1	0~3
	AV PAL	0	0~3
	AV SECAM	4	0~7
	AV NT358	1	0~3
	AV NT443	1	0~3
	AV PAL60	1	0~3

## ■ Sharpness

Sharpness	H1 Gain	44	0~63
	H2 Gain	8	0~63
	H3Gain	8	0~63
	H4 Gain	8	0~63
	V1 Gain	48	0~63
	V2 Gain	8	0~63
	H Overshoot B1	16	0~255
	H Overshoot B2	16	0~255
	V Overshoot B5	16	0~255
	V Overshoot B8	16	0~255
	H Undershoot B1	16	0~255
	H Undershoot B2	16	0~255
	V Undershoot B5	16	0~255
	V Undershoot B8	16	0~255
	Coring TH2	1	0~15
	Coring TH1	1	0~15

## ■ PE

PE	Skin X	0	0~11
	Skin Y	0	0~11
	B Slope	160	0~255
	DLC ML	96	0~255
	DLC_MH	160	0~255
	DLC_H	240	0~255
	Skin_SAT	0	0~15
	Skin_Hue	0	0~127
	M_Skin_Hue	0	
	M_Skin_X	0	0~11
	M_Skin_Y	0	0~11
	Mid_color_level	176	0~255
	M_Mid_color_level	176	0~255

## ■ EEPROM Reset

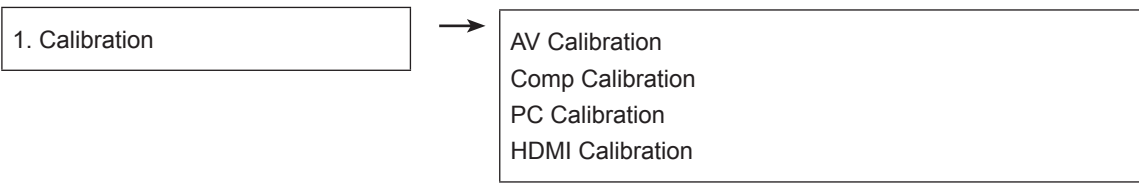
EEPROM Reset	EEPROM Reset		OK
	NVR All Clear	Off	On/Off

## ■ Defect Log

Defect Log	LogList1
	LogList2
	LogList3

## 4-4. White Balance - Calibration

### 4-4-1 White Balance -Calibration

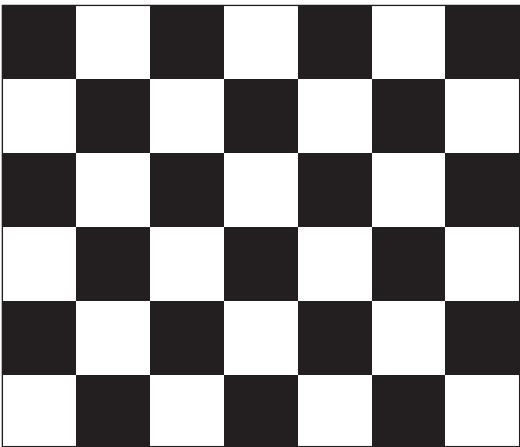


### 4-4-2 Service Adjustment - You must perform Calibration in the Lattice Pattern before adjusting the White Balance.

#### ■ Color Calibration

Adjust spec.

- 1. Source : HDMI
- 2. Setting Mode : 1280\*720@60Hz
- 3. Pattern : Pattern #24 (Chess Pattern)



( Chess Pattern )

4. Use Equipment : CA210 & Master MSPG925 Generator

- Use other equipment only after comparing the result with that of the Master equipment.

Input mode	Calibration	Pattern
CVBS IN (Model_#1)	Perform in NTSC B&W Pattern #24	Lattice
Component IN (Model_#6)	Perform in 720p B&W Pattern #24	Lattice
PC Analog IN (Model_#21)	Perform in VESA XGA (1024x768) B&W Pattern #24	Lattice
HDMI IN	Perform in 720p B&W Pattern #24	Lattice

<Table 1>

---

### ■ Method of Color Calibration (AV)

- 1) Apply the NTSC Lattice (N0. 3) pattern signal to the AV IN 1 port
- 2) Press the Source key to switch to "AV1" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "AV Calibration" menu.
- 6) In "AV Calibration Off" status, press the "►" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "AV Calibration" status from Failure to Success.

### ■ Method of Color Calibration (Component)

- 1) Apply the 720p Lattice (N0. 6) pattern signal to the Component IN 1 port
- 2) Press the Source key to switch to "Component1" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "Comp Calibration" menu.
- 6) In "Comp Calibration Off" status, press the "►" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "Comp Calibration" status from Failure to Success.

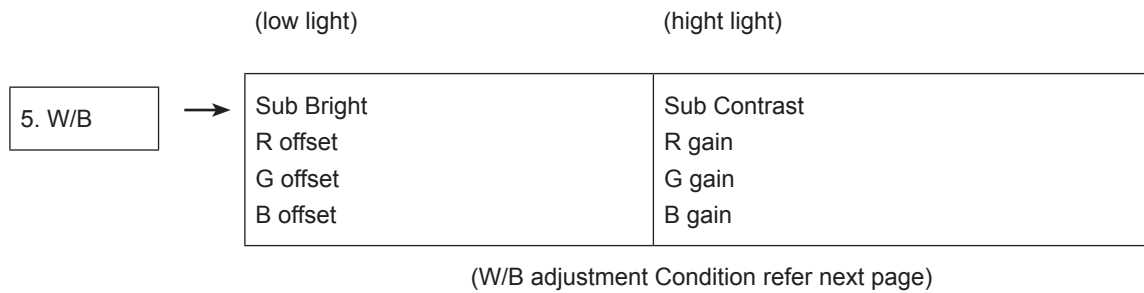
### ■ Method of Color Calibration (PC)

- 1) Apply the VESA XGA Lattice (N0. 21) pattern signal to the PC IN port
- 2) Press the Source key to switch to "PC" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "PC Calibration" menu.
- 6) In "PC Calibration Off" status, press the "►" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "PC Calibration" status from Failure to Success.

### ■ Method of Color Calibration (HDMI)

- 1) Apply the 720p Lattice (N0. 6) pattern signal to the HDMI1/DVI IN port
- 2) Press the Source key to switch to "HDMI1" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "HDMI Calibration" menu.
- 6) In "HDMI Calibration Off" status, press the "►" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "HDMI Calibration" status from Failure to Success.

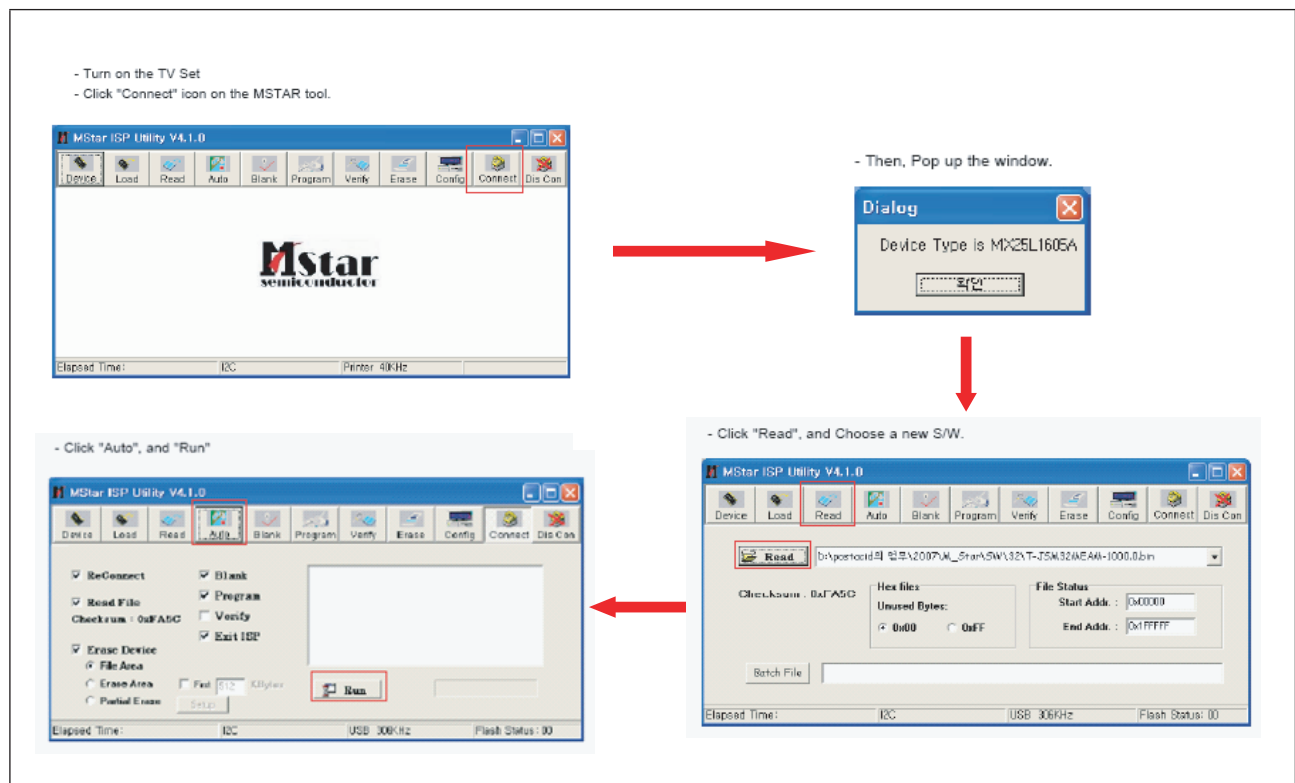
## 4-4-3 White Balance - Adjustment



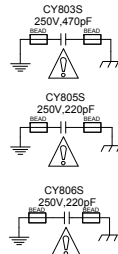
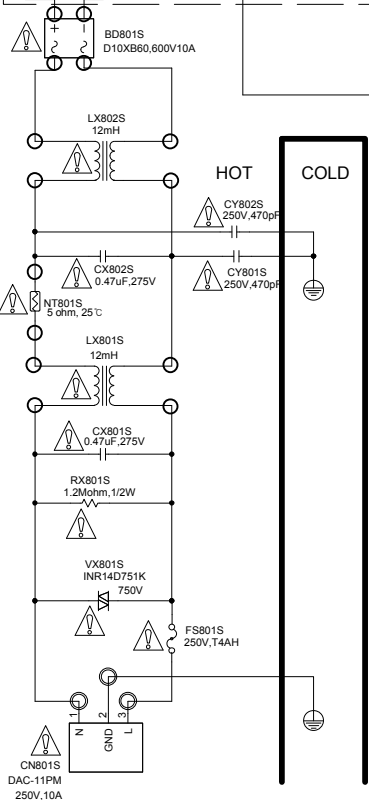
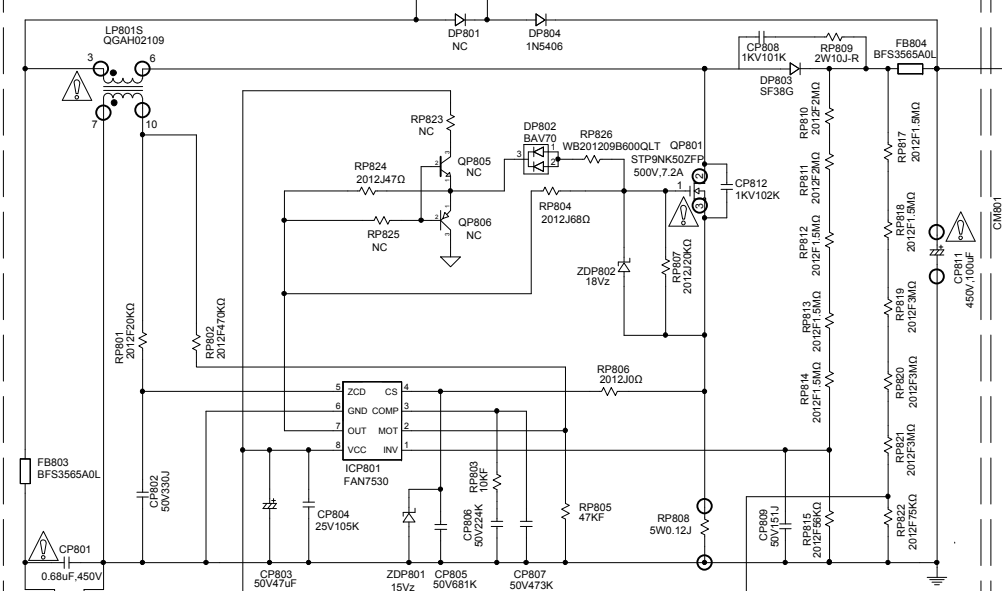
## 4-5. HOW TO UPGRADE

### 4-5-1 Software Upgrade (MSTAR ISP Tool)

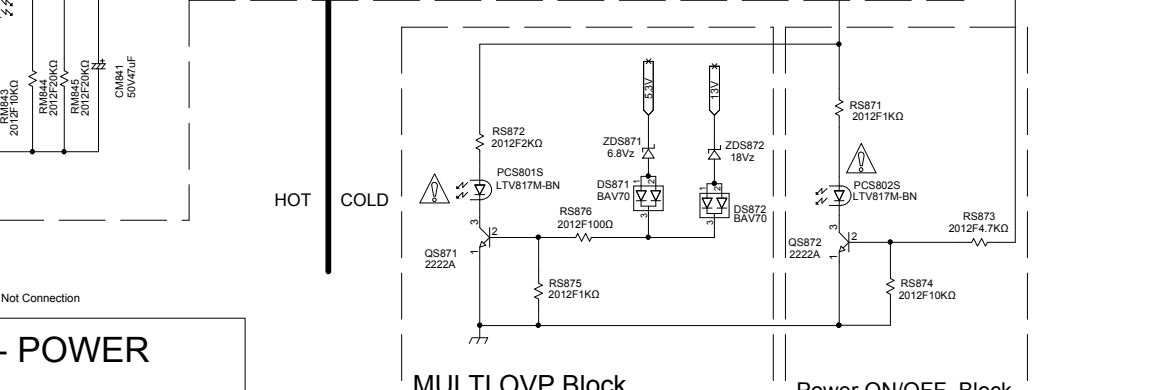
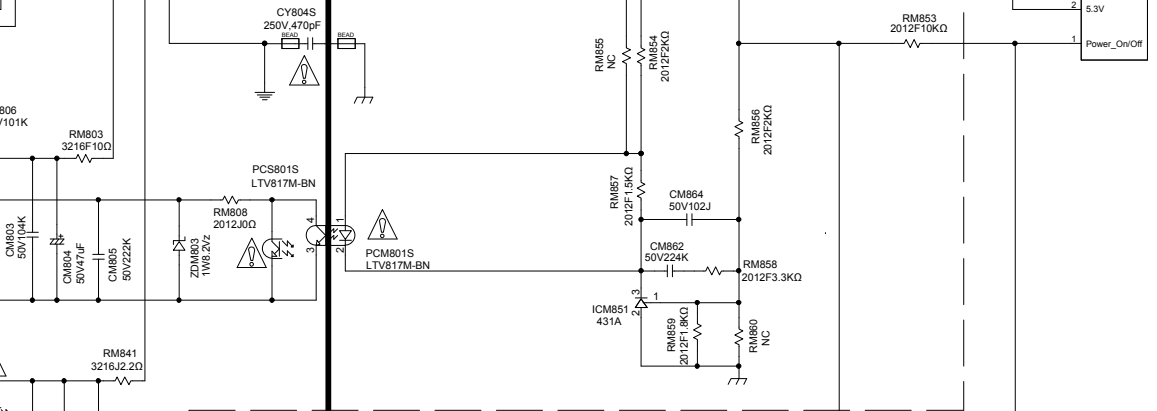
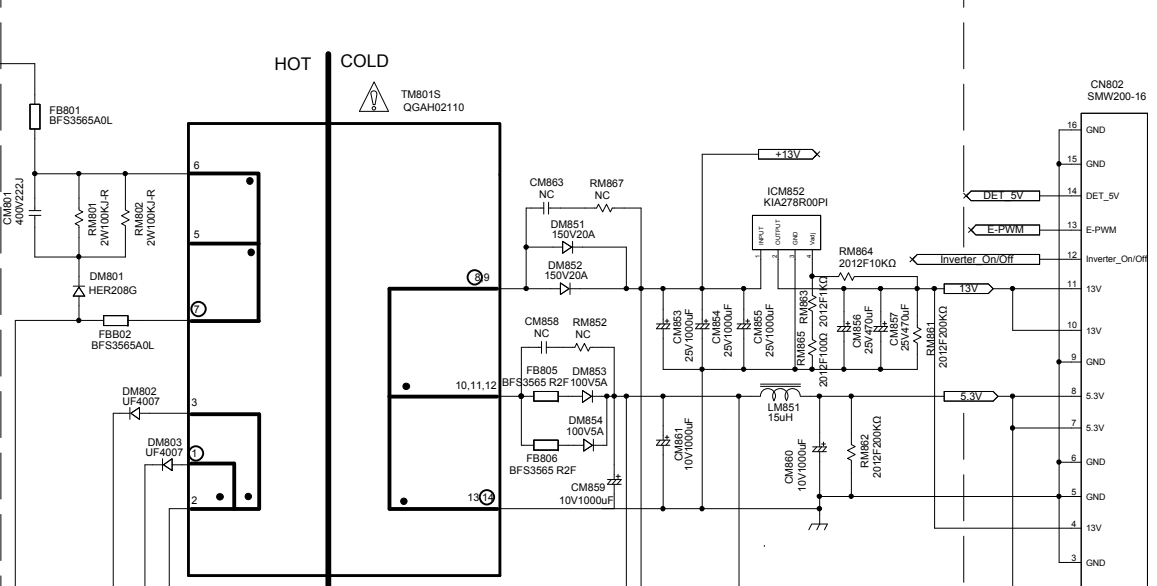
#### ■ MSTAR ISP TOOL



## PFC Block



## MULTI Block



2.0PHI EYELET 1.6PHI EYELET NC : Not Connection

HV32HD\_9DY - POWER  
2009.11.11

MULTI OVP Block

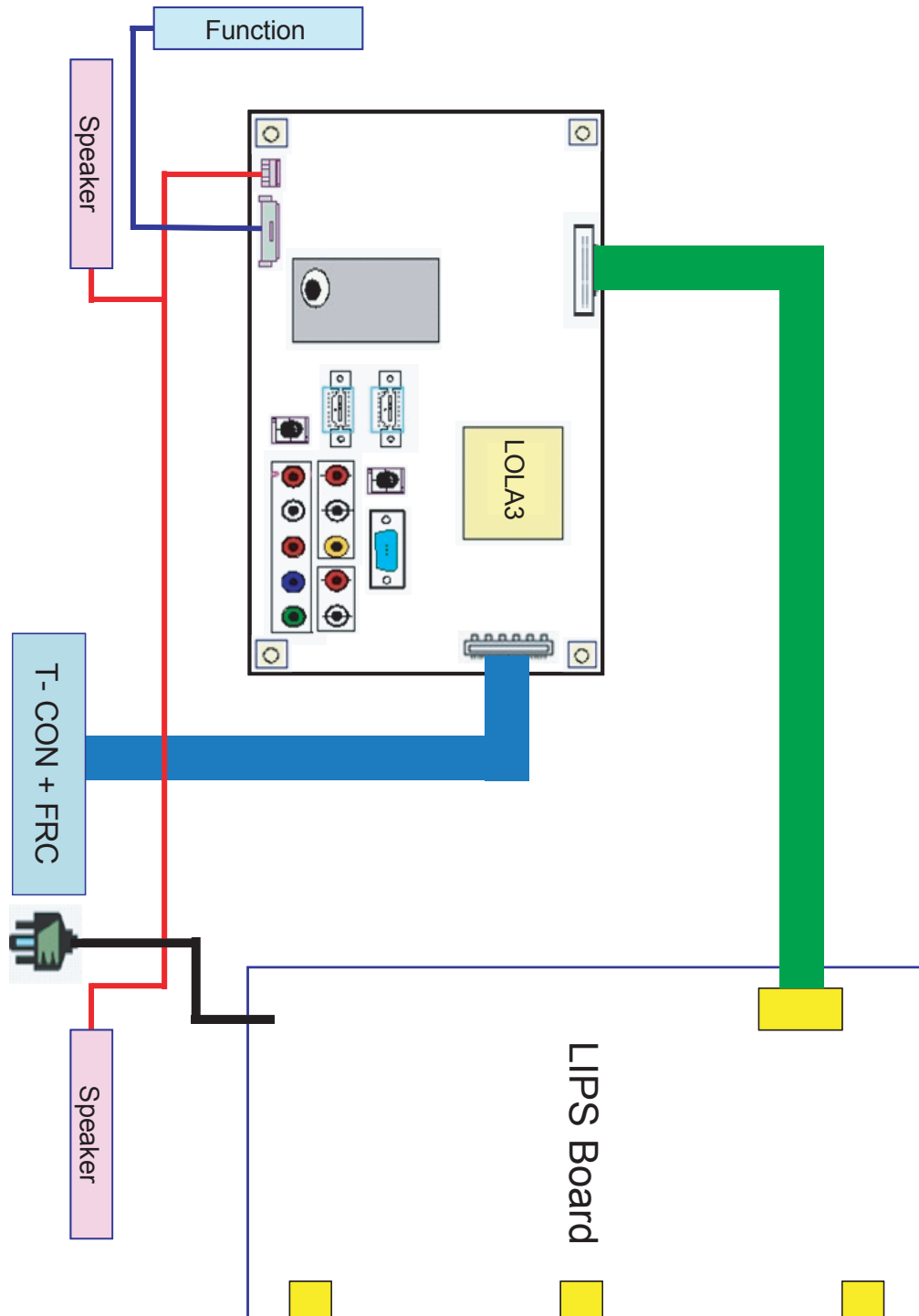
Power ON/OFF Block

Title		HV32HD_9DY - POWER		{TITLE}	
Size	A3	No.		Rev	R.H
File		Title		Date	
				Time	



## 6. Wiring Diagram

### 6-1. Wiring Diagram

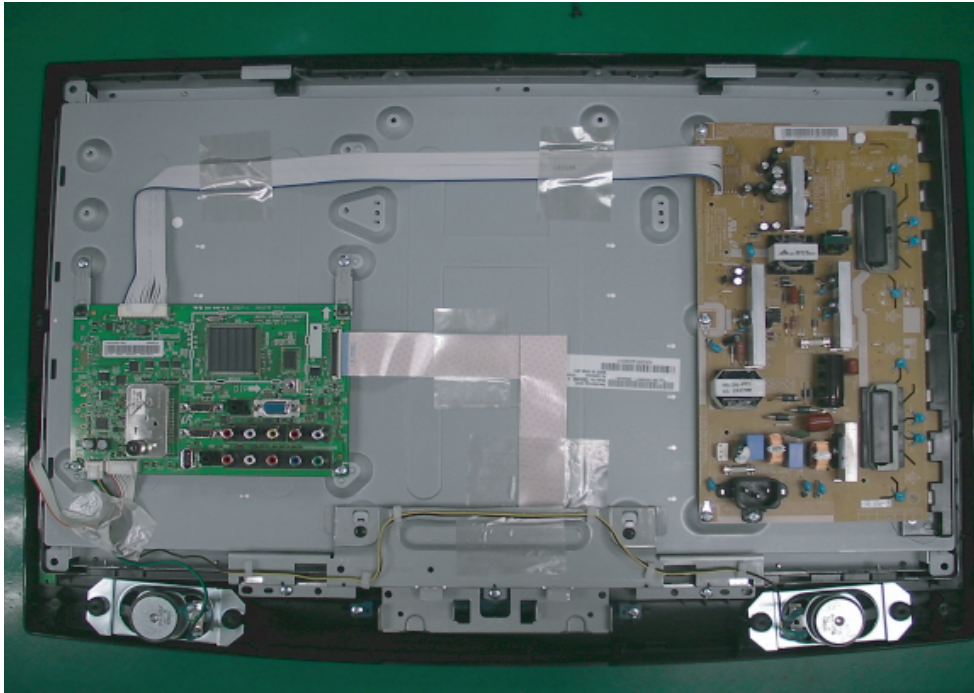




<b>COMP1(JA5001)</b>		<b>PC/DVI SOUND INPUT(JA4001)</b>		<b>POWER and Dimming(CN1001)</b>	
1	COMP1_Y	1	GND	1	GND
2	IDENT_COMP2	2	PC_SR_IN	2	GND
3	COMP1_PB	3	PC_SL_IN	3	GND
4	COMP1_PR	4	PC_SL_IN	4	B3.3VD
5	COMP1_SL_IN	5	PC_SL_IN	5	B5V
6	COMP1_SR_IN	6	PC_SR_IN	6	A13V
7	GND	7	PC_SR_IN	7	A13V
8	GND			8	GND
9	GND			9	A5V
		<b>PC INPUT(JA4005)</b>		10	A5V
<b>AV1 INPUT(JA5003)</b>		1	PC_RED	11	GND
1	GND	2	PC_GREEN	12	GND
2	IDENT_SIDE_AV2	3	PC_BLUE	13	A13V
3	AV1_CVBS_IN	4	GND	14	GND
4	GND	5	GND	15	A5V
5	AV1_SR_IN	6	GND	16	A5V
6	AV1_SL_IN	7	GND		
7	GND	8	GND	<b>HDMI1 Connection(JA3001)</b>	
8	AV1_SL_IN	9	PC_5V	1	HDMI1_RX2+
9	AV1_SR_IN	10	PC_IDENT	2	GND
		11	GND	3	HDMI1_RX2-
<b>SIDE-AV(JA5004_S)</b>		12	SDA_TXD	4	HDMI1_RX1+
1	GND	13	PC_H_SYNC	5	GND
2	IDENT_SIDE_AV2	14	PC_V_SYNC	6	HDMI1_RX1-
3	AV2_SIDE_IN	15	SCL_RXD	7	HDMI1_RX0+
4	GND			8	GND
5	SIDE_AV_SR_IN			9	HDMI1_RX0-
6	SIDE_AV_SL_IN			10	HDMI1_RXCLK+
7	GND			11	GND
8	SIDE_AV_SL_IN			12	HDMI1_RXCLK-
9	SIDE_AV_SR_IN			13	HDMI_CEC
				14	GND
				15	HDMI1_DDC_SCL
				16	HDMI1_DDC_SDA
				17	GND
				18	HDMI1_5V / IDENT_HDMI
				19	HDMI1_5V / IDENT_HDMI
				20	GND
				21	GND

HDMI2 Connection(JA3004)	
1	HDMI2_RX2+
2	GND
3	HDMI2_RX2-
4	HDMI2_RX1+
5	GND
6	HDMI2_RX1-
7	HDMI2_RX0+
8	GND
9	HDMI2_RX0-
10	HDMI2_RXCLK+
11	GND
12	HDMI2_RXCLK-
13	HDMI_CEC
14	GND
15	HDMI2_DDC_SCL
16	HDMI2_DDC_SDA
17	GND
18	HDMI2_5V / IDENT_HDMI
19	HDMI2_5V / IDENT_HDMI
20	GND
21	GND

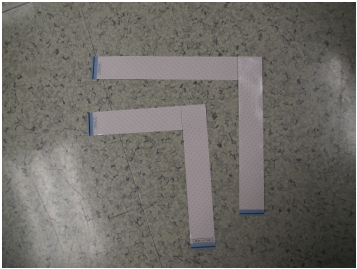



## 6-2. Wiring Picture



### 6-3. Connector Functions

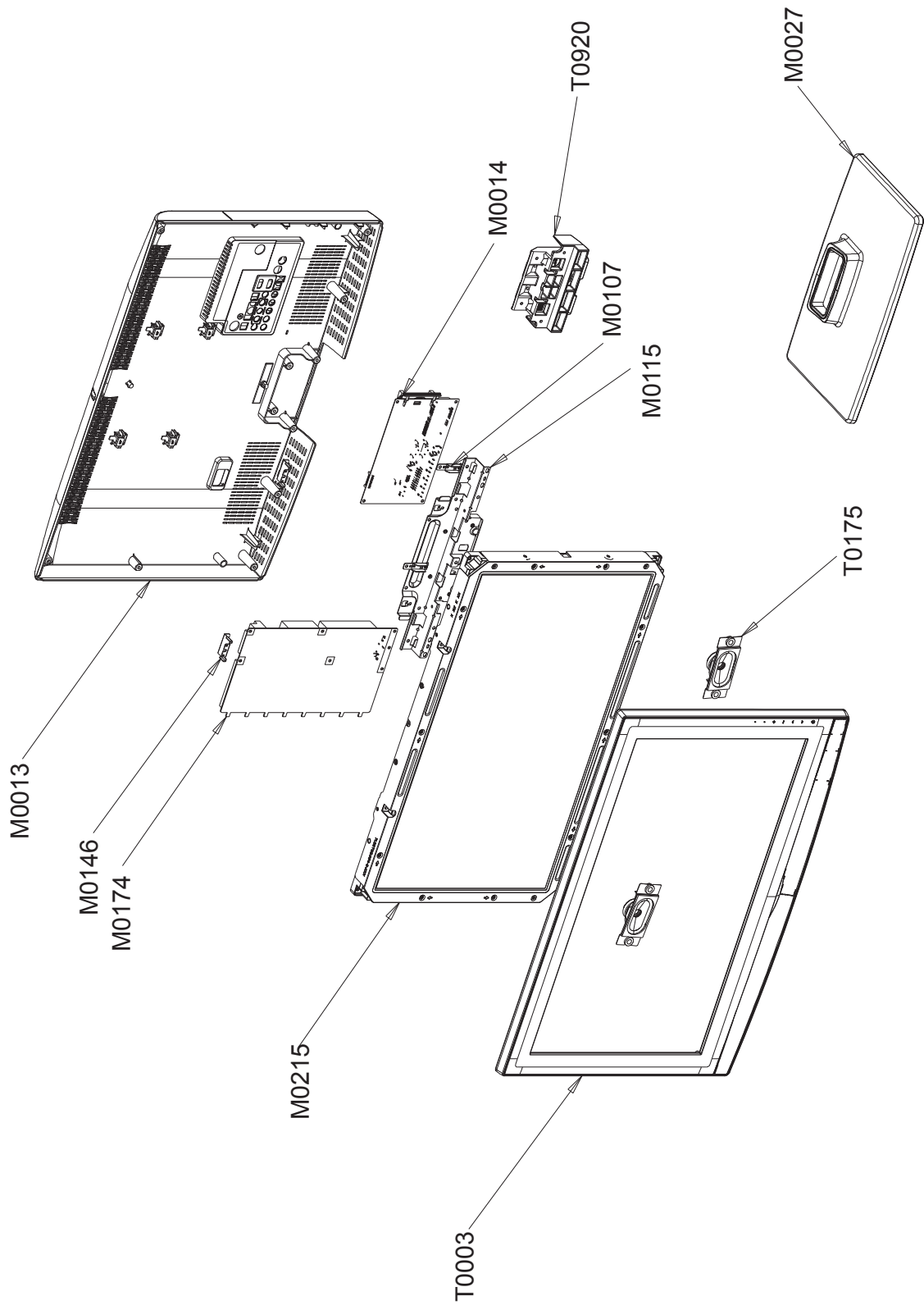
Connector	Functions
CN1001 <-> SMPS	Supply dimming power from SMPS to Main Board. * defective symptom : abnormal Picture
CN2001 <-> Speaker	Connection Main Board and Speaker. * defective symptom : No picture
CN4007 <-> Function & IR	Connection Main Board and Function & IR Assy. * defective symptom : No picture, disable Power On/Off
CN8001 <-> T-CON	The LVDS signal transferred from Main Board to Panel. * defective symptom : No picture but normal sound

6-4. Cables

Use	(1) LVDS CONNECTOR	(2) CONNECTOR POWER 30P	(3) ASSY-SPEAKER
Code	BN96-07766S (26") BN96-07766R (32")	BN39-00691L (26") BN39-00691K (32")	BN96-04769D (26") BN96-04769C (32")
Photo			
Use	(4) IR to FUNCTION		
Code	BN96-11598B		
Photo			

5. Exploded View & Part List

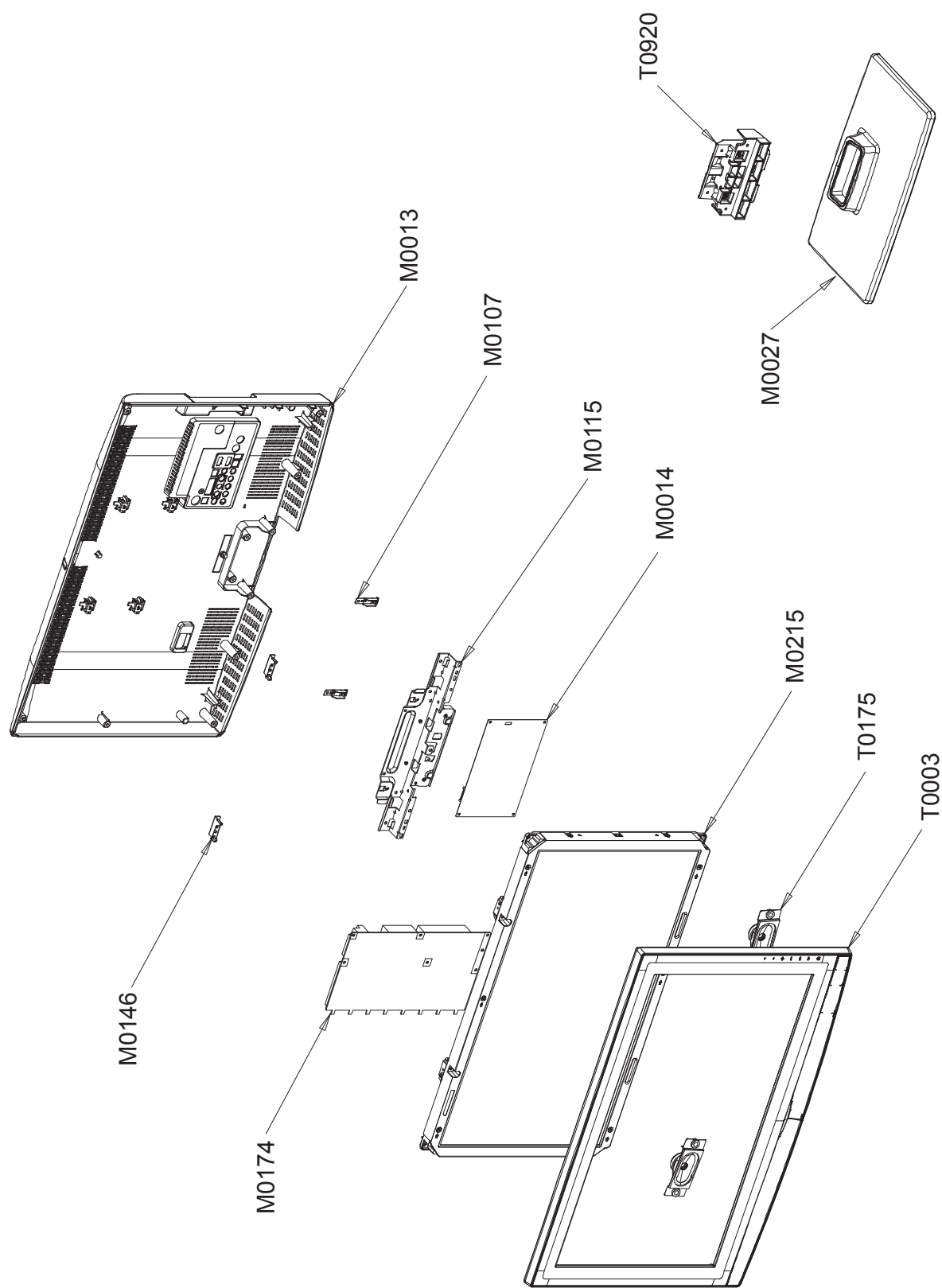
5-1. LN26B350F1 Exploded View



**5-1-1. LN26B350F1 Parts List**

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-10891C	ASSY COVER P-FRONT;26,LB350,SO,ABS+PMMA,	1	S.A	
M0013	BN96-10916B	ASSY COVER P-REAR;26,LB350,SO,LO,HIPS,HB	1	S.A	
M0215	BN07-00638A	LCD-PANEL;V216B1-L01	1	S.A	
M0014	BN94-02878A	ASSY PCB MAIN;LN26B350F1XZD	1	S.A	
M0107	BN61-05314A	BRACKET-PCB;LB650 32,SECC,T1.2	2	S.N.A	
M0146	BN61-04818A	BRACKET-PANEL TOP;B650-32,SECC,T1.2	2	S.N.A	
M0174	BN44-00291A	IP BOARD;PSIV840C01B,HV26HD_9SS,11.0mA,1	1	S.N.A	
T0175	BN96-04769D	ASSY SPEAKER P;16ohm,4pin,5W,L350 26, 32	1	S.A	
T0920	BN61-05321A	GUIDE-STAND;LB350 26,ABS HB,BK500	1	S.N.A	
M0027	BN96-10912A	ASSY STAND P-BASE;26,LB350,PMMA+ABS,HB,B	1	S.A	

5-2. LN32B350F1 Exploded View





**5-2-1. LN32B350F1 Parts List**

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-10890C	ASSY COVER P-FRONT;32,LB350,SO,ABS+PMMA,	1	S.A	
M0013	BN96-10915B	ASSY COVER P-REAR;32,LB350,SO,LO,HIPS,HB	1	S.A	
M0215	BN07-00657A	LCD-PANEL;V315B5-L01	1	S.A	
M0014	BN94-02897A	ASSY PCB MAIN;BN96-10997B	1	S.A	
M0107	BN61-05314A	BRACKET-PCB;LB650 32,SECC,T1.2	2	S.N.A	
M0146	BN61-04409A	BRACKET-PANEL SIDE;L450 26INCH,SECC,T1.2	2	S.N.A	
T0920	BN61-05320A	GUIDE-STAND;LB350 32,ABS V0,BK500	1	S.N.A	
M0027	BN96-10911A	ASSY STAND P-BASE;32,LB350,PMMA+ABS,HB,B	1	S.A	

### 5-3. LN26B350F1 Parts List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN26B350F1XSR	LN26B350F1,N66E/26BF1-G3F,26,LCD-TV,PERU			
0.1	M0001	BN90-02190C	ASSY COVER FRONT;26,LB350,SO	1	S.N.A	
..2	T0003	BN96-10891C	ASSY COVER P-FRONT;26,LB350,SO,ABS+PMMA,	1	S.A	
...3	C/DECO+C/F	6003-001188	SCREW-TAPTYPE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	T0069	AA60-00091J	SPACER-FELT;FELT,330X10,BLK,T0.5	2	S.N.A	
...3	T0069	AA60-00171M	SPACER-FELT;46L3,FELT,570,T0.5,10	2	S.N.A	
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.51	S.N.A	
...3	CCM1	BN63-05199D	COVER-SHEET;AMBER,PE,T0.08,W75mm,200M,CL	1.72	S.N.A	
...3	CCM1	BN63-05199G	COVER-SHEET;AMBER,PE,T0.08,W115mm,200M,C	0.72	S.N.A	
...3	M0112	BN63-05601C	COVER-FRONT;26,LB350,SO,ABS+PMMA,15%,HB,	1	S.N.A	
...3		BN64-01044A	DECORATION;LB350 32,ABS,HB,BL35	1	S.N.A	
...3	M0175	BN96-11598B	ASSY BOARD P-TOUCH FUNCTION&IR;S-PJT,CT5	1	S.A	
..2	T0175	BN96-04769D	ASSY SPEAKER P;16ohm,4pin,5W,L350 26, 32	1	S.A	
0.1	M0216	BN90-02198A	ASSY STAND;26,LB350	1	S.N.A	
..2	T0920	BN61-05321A	GUIDE-STAND;LB350 26,ABS HB,BK500	1	S.N.A	
..2	M0027	BN96-10912A	ASSY STAND P-BASE;26,LB350,PMMA+ABS,HB,B	1	S.A	
...3	M0111	BN63-05605A	COVER-STAND;LB350 26,PMMA+ABS,HB,BK23,H/	1	S.A	
...3	T0132	BN73-00181A	RUBBER FOOT;RUBY,CR Rubber,PI 25,T3.5,BL	6	S.N.A	
...3	CCM1	BN63-06038C	COVER-SHEET;AMBER,PE Vinyl,T0.04,200mm,2	1.74	S.N.A	
0.1	M0002	BN90-02200B	ASSY COVER REAR;26,LB350,SO,LO	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	9	S.N.A	
..2	M0013	BN96-10916B	ASSY COVER P-REAR;26,LB350,SO,LO,HIPS,HB	1	S.A	
...3	T0069	AA60-00091G	SPACER-FELT;FELT,200X10,BLK,T0.5	2	S.N.A	
...3	T0101	BN61-04929A	BRACKET-WALL;26B450,SECC,T1.2	4	S.N.A	
...3	M0006	BN63-05602B	COVER-REAR;26,LB350,SO,HIPS,HB,BK500	1	S.N.A	
...3	T0071	BN64-01081A	INLAY-TERMINAL;LB350/360,SO,PS SHEET,T0.	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,BLK	1	S.N.A	
..2	C/R+M/PCB	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	S.N.A	
0.1		BN91-03835A	ASSY LCD-AUO;BN07-00638A,PMVA,72%	1	S.N.A	
..2	M0215	BN07-00638A	LCD-PANEL;T260XW02 VS	1	S.A	
0.1	M0112	BN91-04098A	ASSY SHIELD;LN26B350F1XZL	1	S.N.A	
..2	T0081	6001-002284	SCREW-MACHINE;BH,+,M4,L8,ZPC(WHT),SWRCH1	2	S.A	
..2	T0081	6001-002284	SCREW-MACHINE;BH,+,M4,L8,ZPC(WHT),SWRCH1	2	S.A	
..2	T0081	6001-002284	SCREW-MACHINE;BH,+,M4,L8,ZPC(WHT),SWRCH1	3	S.A	
..2	BR/LINK+PA	6003-000337	SCREW-TAPTYPE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.N.A	
..2	BR/LINK+C/	6003-001188	SCREW-TAPTYPE;BH,+,B,M4,L10,ZPC(WHT),S	3	S.N.A	
..2	BR/TOP+C/F	6003-001188	SCREW-TAPTYPE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	GROUND	6003-001439	SCREW-TAPTYPE;BH,+,S,M4,L8,ZPC(WHT),SWRC	1	S.N.A	
..2	M2893	BN39-00691L	LEAD CONNECTOR;LB3F,UL1007#26,16p,500mm,	1	S.A	
..2	M0174	BN44-00291A	IP BOARD;PSIV840C01B,HV26HD_9SS,11.0mA,1	1	S.N.A	
..2	M0146	BN61-04818A	BRACKET-PANEL TOP;B650-32,SECC,T1.2	2	S.N.A	
..2	M0230	BN96-07766S	ASSY CABLE P-FFC;LB360,FFC CABLE,330mm,3	1	S.A	
..2		BN96-10971A	ASSY BRACKET P-STAND;LINK;26LB450,26",SE	1	S.N.A	
...3	M0115	BN61-04772A	BRACKET-STAND LINK;B450 26inch,SECC	1	S.N.A	

# 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3		BN61-05281A	HOLDER-CLAMP;LCD,NYLON 66,WHT	2	S.N.A	
0.1	M0017	BN91-04110A	ASSY CHASSIS;LN26B350F1XZD	1	S.N.A	
..2	M0014	BN94-02878A	ASSY PCB MAIN;LN26B350F1XZD	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	JA4005	3701-001480	CONNECTOR-DSUB;15P,3R,FEMAIL,STAMPED PIN	1	S.A	
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-005955	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-006715	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5mm,AN	1	S.N.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA333	3722-002143	JACK-PIN;5P,NI,GRN/BLU/RED/WHT/RED,STRAI	1	S.A	
...3	JA333	3722-002699	JACK-PIN;3P,NI,YEL/WHT/RED,STRAIGHT	1	S.A	
...3	CIS3	BN40-00147A	TUNER;TCPN3081PA11S(H),TCPN3081PA11S(H),	1	S.A	
...3	X1001	BN61-04928A	BRACKET-SUPPORT PCB;SPCC,T 0.8,SCREW-M4	1	S.N.A	
...3	HDCP	BN97-01987A	ASSY HDCP;BN46-00018A,PS-42V6S,D73A,MSTA	1	S.N.A	
....4	KEY	BN46-00018A	KEY CODE-CERTIFICATE;(HDCP KEY)PPM42M5S,	1	S.N.A	
...3	T0174	BN97-03434A	ASSY SMD;LN26B350F1XZD,BN94-02878A	1	S.N.A	
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,D20~45um,96.5Sn/3A	2.235	S.N.A	
....4	D2006	0401-001049	DIODE-SWITCHING;LS4148,75V,150mA,SOD-80,	1	S.A	
....4	D2009	0401-001049	DIODE-SWITCHING;LS4148,75V,150mA,SOD-80,	1	S.A	
....4	D2012	0401-001049	DIODE-SWITCHING;LS4148,75V,150mA,SOD-80,	1	S.A	
....4	D2013	0401-001049	DIODE-SWITCHING;LS4148,75V,150mA,SOD-80,	1	S.A	
....4	D2014	0401-001049	DIODE-SWITCHING;LS4148,75V,150mA,SOD-80,	1	S.A	
....4	D3007	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3009	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3019	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4009	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4014	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5007	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5024	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2002	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.N.A	
....4	D5004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.N.A	
....4	D5006	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.N.A	
....4	D5008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.N.A	
....4	D5025	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.N.A	
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	
....4	D2004	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3005	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3014	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D4001	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D4003	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D4004	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D4006	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D4007	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D4008	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D6001	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7001	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7003	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3001	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D3011	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D7002	0406-001200	DIODE-TVS;RCLAMP0504F,6/-V,150W,SC-70	1	S.A	
....4	IC3005	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	1	S.A	
....4	IC3006	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	1	S.A	
....4	IC3009	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	1	S.A	
....4	IC3010	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	1	S.A	
....4	Q1001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q1002	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q1011	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q1012	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q1013	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q2003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3005	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q4001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q6001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q6002	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7004	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q1022	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-001165	FET-SILICON;SI3443BDV,P,-20V,+4.4A,65mo	1	S.A	
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A	
....4	IC7003	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8,SOP,8P,5x4mm	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8,SOP,8P,5x4mm	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8,SOP,8P,5x4mm	1	S.A	
....4	IC112	1103-001385	IC-EEPROM;AT24C256,256Kbit,32Kx8,SOP,8P,	1	S.A	
....4	IC7001	1105-001931	IC-DDR2 SDRAM;K4T51163Q,DDR2-800,512Mbit	1	S.N.A	
....4	T0124	1201-002797	IC-POWER AMP;NTP-3200,QFN,56P,8x8mm,DUAL	1	S.A	
....4	T0085	1201-002849	IC-AUDIO AMP;DRV603,TSSOP,14P,5x4.4mm,DU	1	S.A	
....4	T0087	1203-001815	IC-POS.FIXED REG.;78M09,TO-252,3P,PLAST	1	S.A	

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Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0087	1203-002842	IC-POS1.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	T0087	1203-002842	IC-POS1.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	IC012	1203-002995	IC-POS1.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POS1.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	T0087	1203-003696	IC-POS1.FIXED REG.;NCP1117DT18T5G,DPAK,3	1	S.A	
....4	IC6002	1203-004363	IC-VOL. DETECTOR;RT9818C-29PV,SOT-23,3P,	1	S.A	
....4	IC2003	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	T0170	1203-005463	IC-SWITCH VOL. REG.;MIC2605YML,MLF,8P,2x	1	S.A	
....4	IC1004	1203-005538	IC-DC/DC CONVERTER;AOZ1021HAIL,SOP,8P,4.	1	S.A	
....4	IC7005	1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	1	S.A	
....4	IC7007	1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	1	S.A	
....4	IC7008	1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	1	S.A	
....4	IC7010	1205-003479	IC-SWITCH;TPS2051BDBVR,SOT-23,5P,2.9x1.6	1	S.A	
....4	IC109	1205-003695	IC-LCD CONTROLLER;SEMS03-LF,PQFP,296P,32	1	S.A	
....4	VT4005	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	D5021	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	D5022	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	D5023	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT4001	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT4002	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT4003	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT4004	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT5003	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT5004	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT5006	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT5011	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	R7016	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R7017	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R1041	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R1044	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R1045	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R1005	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R5041	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R5043	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R5044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R5046	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R5047	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R4045	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R2007	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2008	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2009	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2010	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3032	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3048	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3065	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3081	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4004	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4021	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4024	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4025	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4029	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	

## 5. Exploded View & Part List

[illegible]



## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R6168	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6169	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6200	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7062	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7063	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7070	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1003	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2012	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3023	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3056	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4056	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6003	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1001	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2013	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2026	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4051	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4052	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4055	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6189	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6197	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1002	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1004	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1008	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1011	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1012	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1014	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1061	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1062	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1063	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2027	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2031	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2032	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2033	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2034	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3029	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3060	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3084	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4020	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4023	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4058	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6052	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6060	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6061	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6106	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6140	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6141	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7058	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7061	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1024	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1025	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2020	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R2025	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2300	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2305	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3037	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3039	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3041	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3049	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3071	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3073	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3075	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3082	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3085	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4009	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4010	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4011	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4012	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4015	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4016	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4028	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5017	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5018	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6051	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6058	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6064	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6072	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6075	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6122	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6126	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6128	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6139	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6142	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6152	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6176	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6182	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6185	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6186	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6187	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6188	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6192	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6196	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6216	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6217	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7015	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7034	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7039	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7040	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4017	2007-000151	R-CHIP;15Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4022	2007-000151	R-CHIP;15Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5023	2007-000151	R-CHIP;15Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5024	2007-000151	R-CHIP;15Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1013	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	



## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R1015	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1016	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6066	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6067	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6068	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6069	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1023	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6057	2007-000170	R-CHIP;1Mohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2006	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2028	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2029	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3003	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3005	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3053	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3055	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4026	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4027	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4042	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4050	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5019	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5020	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5022	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6032	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6033	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6048	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6093	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6143	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6144	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6153	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6154	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6164	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6220	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7007	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7008	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7018	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7019	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7035	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7036	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7037	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7038	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7043	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7044	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7045	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7046	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7054	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7055	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R8066	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R8067	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R8071	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R8072	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R8074	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R3025	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3059	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6021	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6022	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6023	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6024	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6025	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6026	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6027	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6028	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6094	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6096	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6100	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6102	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6105	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6107	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6110	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6112	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3030	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3031	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3067	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3068	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4001	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4005	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7001	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7002	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7003	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7004	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7005	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7006	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7010	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7011	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3043	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3044	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3077	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3078	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4013	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4014	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4040	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4041	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6006	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6029	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6030	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6031	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6092	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6098	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6114	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7009	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A	
....4	R7013	2007-000640	R-CHIP;270ohm,1%,1/10W,TP,1608	1	S.A	
....4	R1053	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R2019	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	1	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R2057	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2306	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6035	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6045	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2308	2007-000939	R-CHIP;47Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R2309	2007-000939	R-CHIP;47Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R5042	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A	
....4	R5045	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R6134	2007-001237	R-CHIP;910ohm,1%,1/10W,TP,1608	1	S.A	
....4	R2011	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6001	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6002	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6054	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6055	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2014	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6053	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6056	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7073	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1033	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R1051	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R1054	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R1071	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R1081	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R7014	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R4002	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4003	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4006	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4007	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4008	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5002	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5005	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5008	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1021	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R1034	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R1072	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R2201	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R2307	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R4043	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R1091	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R6130	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R6131	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R2021	2007-007197	R-CHIP;3.3ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2022	2007-007197	R-CHIP;3.3ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2023	2007-007197	R-CHIP;3.3ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2024	2007-007197	R-CHIP;3.3ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1052	2007-007297	R-CHIP;110ohm,1%,1/10W,TP,1608	1	S.A	
....4	R1092	2007-007319	R-CHIP;390ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R6059	2007-007319	R-CHIP;390ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R3001	2007-007334	R-CHIP;200Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R3051	2007-007334	R-CHIP;200Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R1042	2007-007549	R-CHIP;4.99Kohm,1%,1/10W,TP,1608	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R7012	2007-007721	R-CHIP;560ohm,1%,1/10W,TP,1608	1	S.A	
....4	R2301	2007-008339	R-CHIP;30Kohm,0.5%,1/16W,TP,1005	1	S.N.A	
....4	R2302	2007-008339	R-CHIP;30Kohm,0.5%,1/16W,TP,1005	1	S.N.A	
....4	R2303	2007-008339	R-CHIP;30Kohm,0.5%,1/16W,TP,1005	1	S.N.A	
....4	R2304	2007-008339	R-CHIP;30Kohm,0.5%,1/16W,TP,1005	1	S.N.A	
....4	R1043	2007-008593	R-CHIP;750ohm,1%,1/16W,TP,1005	1	S.A	
....4	R6179	2011-001011	R-NETWORK;10Kohm,5%,1/16W,L,CHIP,8P,TP,3	1	S.A	
....4	R6180	2011-001011	R-NETWORK;10Kohm,5%,1/16W,L,CHIP,8P,TP,3	1	S.A	
....4	R7022	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7023	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7024	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7025	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7026	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7027	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7028	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7029	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7030	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7031	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	C6052	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	1	S.A	
....4	C7062	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.N.A	
....4	C7067	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.N.A	
....4	C2012	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C4003	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C4004	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C5021	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.N.A	
....4	C2092	2203-000239	C-CER,CHIP;0.1nF,5%,50V,C0G,2012	1	S.N.A	
....4	C2108	2203-000239	C-CER,CHIP;0.1nF,5%,50V,C0G,2012	1	S.N.A	
....4	C2102	2203-000280	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,1608	1	S.A	
....4	C2103	2203-000280	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,1608	1	S.A	
....4	C2010	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C4016	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C6006	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C6014	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C6057	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C7046	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C7070	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C1044	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C6048	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C6049	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C6050	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C6051	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C4006	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,1005	1	S.N.A	
....4	C4007	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,1005	1	S.N.A	
....4	C5022	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C5023	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C2016	2203-000812	C-CER,CHIP;.033nF,5%,50V,C0G,-,1005	1	S.A	
....4	C2017	2203-000812	C-CER,CHIP;.033nF,5%,50V,C0G,-,1005	1	S.A	
....4	C2039	2203-000838	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,1608	1	S.A	
....4	C2040	2203-000838	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,1608	1	S.A	
....4	C2041	2203-000838	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,1608	1	S.A	
....4	C2042	2203-000838	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,1608	1	S.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C2043	2203-000925	C-CER,CHIP;470nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C2044	2203-000925	C-CER,CHIP;470nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C4019	2203-000995	C-CER,CHIP;0.047nF,5%,50V,C0G,1005	1	S.A	
....4	C4021	2203-000995	C-CER,CHIP;0.047nF,5%,50V,C0G,1005	1	S.A	
....4	C4028	2203-000995	C-CER,CHIP;0.047nF,5%,50V,C0G,1005	1	S.A	
....4	C5024	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C5025	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C6037	2203-001412	C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005	1	S.N.A	
....4	C6038	2203-001412	C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005	1	S.N.A	
....4	C1091	2203-001596	C-CER,CHIP;2200nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C1094	2203-001596	C-CER,CHIP;2200nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C6002	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.N.A	
....4	C4029	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C4030	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C4031	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C4032	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C4005	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C4009	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C5006	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C5007	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C2053	2203-002687	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1005	1	S.A	
....4	C2054	2203-002687	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1005	1	S.A	
....4	C2055	2203-002687	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1005	1	S.A	
....4	C2056	2203-002687	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1005	1	S.A	
....4	C1051	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.N.A	
....4	C1052	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.N.A	
....4	C2026	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2027	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2029	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2030	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2032	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2033	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2034	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2035	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2036	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2037	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2045	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2046	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2047	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2048	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2049	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2050	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2051	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2052	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C4011	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C1021	2203-005261	C-CER,CHIP;1000nF,10%,25V,X7R,3216	1	S.N.A	
....4	C1032	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C1072	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C1081	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C1082	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6029	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	



Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C6030	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6035	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6036	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6041	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6055	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6056	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C1013	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C2038	2203-005968	C-CER,CHIP;4.7NF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C6005	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6007	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6008	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6013	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6015	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6016	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6017	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6018	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6022	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6023	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6024	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6025	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6026	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C1012	2203-006141	C-CER,CHIP;1000nF,10%,16V,X5R,1608	1	S.N.A	
....4	C1043	2203-006141	C-CER,CHIP;1000nF,10%,16V,X5R,1608	1	S.N.A	
....4	C1092	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C1093	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2006	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2007	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2008	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2013	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2014	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2015	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2024	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C4020	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C4034	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C6001	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7031	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7033	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7034	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7036	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7039	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7041	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7044	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7045	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7059	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7060	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7063	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7064	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7065	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C1011	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	S.N.A	
....4	C1014	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	S.N.A	
....4	C4015	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C7025	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	S.N.A	
....4	C7047	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	S.N.A	
....4	C2019	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C2020	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C2021	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C2022	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C2028	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C2031	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C1041	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1042	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1045	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1046	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1047	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1048	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C2005	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C2009	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C3005	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C3013	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C4008	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C4012_OP	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C4017	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C4023_OP	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C6003	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C6046	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C7028	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1006	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C1007	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C2003	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C2004	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C2104	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C2105	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C2106	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C4026	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C6045	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C7043	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C7055	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C7056	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C7066	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C1031	2203-006618	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,TP,160	1	S.N.A	
....4	C1071	2203-006618	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,TP,160	1	S.N.A	
....4	C3007	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C3015	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C4010	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C4027	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6004	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6027	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6028	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6039	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6040	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6042	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6043	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C6044	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6047	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6058	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7001	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7002	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7003	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7005	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7006	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7007	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7008	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7009	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7010	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7011	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7012	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7013	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7014	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7015	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7017	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7018	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7019	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7020	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7021	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7022	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7023	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7024	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7026	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7027	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7030	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7032	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7035	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7037	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7048	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7049	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7050	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7051	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7052	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7054	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C4001	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C4002	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C5009	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C5011	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C1001	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C1002	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C1053	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C1055	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C2077	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C2100	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C2101	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C2107	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C7038	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C7040	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	



## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C7042	2203-007176	C-CER,CHIP;1000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A	
....4	T0052	2703-003559	INDUCTOR-SMD;4.7uH,20%,8080	1	S.A	
....4	L2001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2.0.124oh	1	S.N.A	
....4	L2002	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2.0.124oh	1	S.N.A	
....4	X202	2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50oh	1	S.A	
....4	F103	2901-001506	FILTER-EMI SMD;5V,0.13A,0pF,2x1x0.5mm,TP	1	S.A	
....4	F103	2901-001506	FILTER-EMI SMD;5V,0.13A,0pF,2x1x0.5mm,TP	1	S.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608	1	S.N.A	
....4	T0568	3301-001393	BEAD-SMD;60ohm,3216,1500mA,TP,41ohm/40MH	1	S.N.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	J A3001	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	J A3004	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	M0106	3708-001150	CONNECTOR-FPC/FFC/PIC;30P,1mm,SMD-A,SN,Y	1	S.A	
....4	T0077	B N41-01199A	PCB MAIN;LA26B360,FR-4,4,1.2T,192*122,1	1	S.N.A	
....4	M0018	B N97-03501A	ASSY MICOM;T-LL5MSAM-1003.5,LOLA3,LB3F,2	1	S.N.A	
.....5	I C115	1107-001777	I C-FLASH MEMORY;MX25L6405DMI-12G,64Mbit,	1	S.A	
...3	T0066	B N62-00042A	HEAT SINK-ES;30*30*5,Ceramic,T1.5,TAPE	1	S.A	
...3	M0107	B N61-05314A	BRACKET-PCB;S-PJT,SECC,T1.0	2	S.N.A	
...3	M/PCB+BR/P	6003-000133	SCREW-TAPTYPE;BH,+,-,S,M4,L8,ZPC(BLK),SW	2	S.N.A	
...3	J A333	3722-002781	JACK-PIN;2P(Shield),Ni,WHT/RED,straight	1	S.A	

## 5. Exploded View & Part List

[illegible]

## 5-4. LN32B350F1 Parts List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN32B350F1XZP	LN32B350F1,N66E/32BF1-G3F,32,LCD-TV,PANA			
0.1	M0001	BN90-02189C	ASSY COVER FRONT;32,LB350,SO	1	S.N.A	
..2	T0003	BN96-10890C	ASSY COVER P-FRONT;32,LB350,SO,ABS+PMMA,	1	S.A	
...3	C/DECO+C/F	6003-001188	SCREW-TAPTYPE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	M0112	BN63-05597C	COVER-FRONT;32,LB350,SO,ABS+PMMA,15%,HB,	1	S.N.A	
...3	T0069	BN60-00027Z	SPACER-FELT;L750-32,FELT,700,0.5,15	2	S.N.A	
...3		BN63-01151A	FELT-NON WOVEN;MM17NS,T0.5,393,10,BLK	2	S.N.A	
...3		BN98-01959A	ASSY K/D-ASSY BOARD P-TOUCH FU;BN96-1099	1	S.N.A	
....4	M0014	BN94-02897A	ASSY PCB MAIN;BN96-10997B	1	S.N.A	
.....5	M2893	BN39-01194A	LEAD CONNECTOR;B350,UL1061#28,10PIN,150m	1	S.A	
.....5	T0174	BN97-03472A	ASSY SMD;BN96-10997B,BN94-02897A	1	S.N.A	
.....6	CD1	0406-001253	DIODE-TVS;VESD05A1-02V,6.0/6.8/7.5V,SOD-	1	S.N.A	
.....6	CD2	0406-001253	DIODE-TVS;VESD05A1-02V,6.0/6.8/7.5V,SOD-	1	S.N.A	
.....6	L0405	0601-001915	LED;SMD,RED,1.6x0.8x0.6mm,660nm,1.6x0.8x	1	S.N.A	
.....6	U1	1209-001821	IC-SENSOR;TS08P,QFN,24P,4x4mm,PLASTIC,5.	1	S.A	
.....6	R10	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.N.A	
.....6	R12	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.N.A	
.....6	R18	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.N.A	
.....6	R20	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.N.A	
.....6	R16	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.N.A	
.....6	R1	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A	
.....6	R2	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A	
.....6	R3	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A	
.....6	R4	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A	
.....6	R5	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A	
.....6	R6	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A	
.....6	R7	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A	
.....6	R13	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.N.A	
.....6	R8	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.N.A	
.....6	R14	2007-000088	R-CHIP;7.5Kohm,5%,1/10W,TP,1608	1	S.N.A	
.....6	R9	2007-000088	R-CHIP;7.5Kohm,5%,1/10W,TP,1608	1	S.N.A	
.....6	R15	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
.....6	R11	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A	
.....6	C2	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.N.A	
.....6	C1	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.N.A	
.....6	C3	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A	
.....6	CN330	3711-007043	HEADER-BOARD TO CABLE;BOX,10P,1R,1.25mm,	1	S.A	
.....6	REV:0.3	BN41-01208A	PCB-TOUCH;LB3F,FR-4,2,0.3,1.6t,178.7*138	1	S.N.A	
.....6	D0254	0609-001346	MODULE REMOCON;VERTICAL-SMD,5.9mm	1	S.N.A	
...3		BN64-01044A	DECORATION;LB350 32,ABS,HB,BL35	1	S.N.A	
..2		BN98-01923A	ASSY K/D-SPEAKER;BN96-04769C	1	S.N.A	
...3	SLEEVE1	BN83-01026A	CKD-SPEAKER;L530 32" Fullrange Sleeve-#1	2	S.N.A	
...3	SLEEVE2	BN83-01027A	CKD-SPEAKER;L530 32" Fullrange Sleeve-#1	2	S.N.A	
...3	WIRE	BN83-01476A	CKD-SPEAKER;09year LCD 350 5W Speaker WI	1	S.N.A	
...3	RUBBER RIN	BN83-01477A	CKD-SPEAKER;09year LCD 350 5W Speaker RU	4	S.N.A	
...3	UNIT	BN83-01478A	CKD-SPEAKER;09year LCD 350 5W Speaker UN	2	S.N.A	
...3		BN81-02301A	A/S-LABEL-E PASS;SEDA,ART PAPER,W42,L12,	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.1	M0216	BN90-02197A	ASSY STAND;32,LB350	1	S.N.A	
..2	M0027	BN96-10911A	ASSY STAND P-BASE;32,LB350,PMMA+ABS,HB,B	1	S.A	
...3	M0111	BN63-05604A	COVER-STAND;LB350 32,PMMA+ABS,HB,BK23,H/	1	S.A	
...3	T0132	BN73-00181A	RUBBER FOOT;RUBY,CR Rubber,PI 25,T3.5,BL	6	S.N.A	
..2	T0920	BN61-05320A	GUIDE-STAND;LB350 32,ABS V0,BK500	1	S.N.A	
0.1	M0002	BN90-02199B	ASSY COVER REAR;32,LB350,SO,LO	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	9	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	1	S.N.A	
..2	M0013	BN96-10915B	ASSY COVER P-REAR;32,LB350,SO,LO,HIPS,HB	1	S.A	
...3	T0101	BN61-04816A	BRACKET-WALL;40, B610,SECC,T1.2	4	S.N.A	
...3	M0006	BN63-05598B	COVER-REAR;32,LB350,SO,HIPS,HB,BK500	1	S.N.A	
...3	T0071	BN64-01081A	INLAY-TERMINAL;LB350/360,SO,PS SHEET,T0.	1	S.N.A	
...3	T0069	AA63-60131N	SPACER-FELT;L2,FELT,280*10,BLK,T0.5	2	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,BLK	1	S.N.A	
0.1	T0852	BN91-03836A	ASSY LCD-CMO;BN07-00657A,DJITO, 72%	1	S.N.A	
..2	M0215	BN07-00657A	LCD-PANEL;V315B5-L01	1	S.A	
0.1	M0017	BN91-04110C	ASSY CHASSIS;CNE-LN32B350F1XSR	1	S.N.A	
..2	M0014	BN94-02878C	ASSY PCB MAIN;CNE-LN32B350F1XSR	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	JA4005	3701-001480	CONNECTOR-DSUB;15P,3R,FEMAIL,STAMPED PIN	1	S.A	
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-005955	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-006715	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5mm,AN	1	S.N.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA333	3722-002143	JACK-PIN;5P,NI,GRN/BLU/RED/WHT/RED,STRAI	1	S.A	
...3	JA333	3722-002691	JACK-PIN;2P,NI,WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002699	JACK-PIN;3P,NI,YEL/WHT/RED,STRAIGHT	1	S.A	
...3	CIS3	BN40-00147A	TUNER;TCPN3081PA11S(H),TCPN3081PA11S(H),	1	S.A	
...3	X1001	BN61-04928A	BRACKET-SUPPORT PCB;SPCC,T 0.8,SCREW-M4	1	S.N.A	
...3	T0066	BN62-00042A	HEAT SINK-ES;30*30*5,Ceramic,T1.5,TAPE	1	S.A	
...3	HDCP	BN97-01987A	ASSY HDCP;BN46-00018A,PS-42V6S,D73A,MSTA	1	S.N.A	
....4		BN46-00018A	KEY CODE-CERTIFICATE;(HDCP KEY)PPM42M5S,	1	S.N.A	
...3	T0174	BN97-03434A	ASSY SMD;LN26B350F1XZD,BN94-02878A	1	S.N.A	
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,D20~45um,96.5Sn/3A	2.235	S.N.A	
....4	D3007	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3009	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3019	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4009	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D4014	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D5002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5007	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5024	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2002	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.N.A	
....4	D5004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.N.A	
....4	D5006	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.N.A	
....4	D5008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.N.A	
....4	D5025	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.N.A	
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	
....4	D2004	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3005	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3014	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D4001	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D4003	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D4004	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D4006	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D4007	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D4008	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D6001	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7001	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7003	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3001	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D3011	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D7002	0406-001200	DIODE-TVS;RCLAMP0504F,6/-/-V,150W,SC-70	1	S.A	
....4	IC3005	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251	1	S.A	
....4	IC3006	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251	1	S.A	
....4	IC3009	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251	1	S.A	
....4	IC3010	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251	1	S.A	
....4	Q1001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q1002	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q1011	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q1012	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q1013	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q2003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3005	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q4001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q6001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q6002	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7004	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q1022	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-001165	FET-SILICON;SI3443BDV,P,-20V,+4.4A,65mo	1	S.A	
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A	
....4	IC7003	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8,SOP,8P,5x4mm	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8,SOP,8P,5x4mm	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8,SOP,8P,5x4mm	1	S.A	
....4	IC112	1103-001385	IC-EEPROM;AT24C256,256Kbit,32Kx8,SOP,8P,	1	S.A	
....4	IC7001	1105-001931	IC-DDR2 SDRAM;K4T51163Q,DDR2-800,512Mbit	1	S.N.A	
....4	T0124	1201-002797	IC-POWER AMP;NTP-3200,QFN,56P,8x8mm,DUAL	1	S.A	
....4	T0085	1201-002849	IC-AUDIO AMP;DRV603,TSSOP,14P,5x4.4mm,DU	1	S.A	
....4	T0087	1203-001815	IC-POSIFIXED REG.;78M09,TO-252,3P,PLAST	1	S.A	
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	IC012	1203-002995	IC-POSIFADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSIFADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	T0087	1203-003696	IC-POSIFIXED REG.;NCP1117DT18T5G,DPAK,3	1	S.A	
....4	IC6002	1203-004363	IC-VOL. DETECTOR;RT9818C-29PV,SOT-23,3P,	1	S.A	
....4	IC2003	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	T0170	1203-005463	IC-SWITCH VOL. REG.;MIC2605YML,MLF,8P,2x	1	S.A	
....4	IC1004	1203-005538	IC-DC/DC CONVERTER;AOZ1021HAIL,SOP,8P,4.	1	S.A	
....4	IC7005	1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	1	S.A	
....4	IC7007	1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	1	S.A	
....4	IC7008	1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	1	S.A	
....4	IC7010	1205-003479	IC-SWITCH;TPS2051BDBVR,SOT-23,5P,2.9x1.6	1	S.A	
....4	IC109	1205-003695	IC-LCD CONTROLLER;SEMS03-LF,PQFP,296P,32	1	S.A	
....4	VT4005	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	D5021	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	D5022	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	D5023	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT4001	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT4002	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT4003	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT4004	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT5003	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT5004	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT5006	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	VT5011	1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	1	S.A	
....4	R7016	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R7017	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R1041	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R1044	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R1045	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R1005	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R5041	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R5043	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R5044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R5046	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R5047	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A	



## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R4045	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R2007	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2008	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2009	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2010	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3032	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3048	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3065	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3081	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4004	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4021	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4024	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4025	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4029	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4030	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4048	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4061	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5021	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5034	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5035	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6004	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6005	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6034	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6036	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6037	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6044	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6046	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6047	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6076	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6077	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6078	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6079	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6080	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6081	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6082	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6083	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6084	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6085	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6095	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6097	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6104	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6108	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6111	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6113	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6116	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6120	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6121	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6135	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6136	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6137	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6138	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R6145	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6147	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6148	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6149	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6150	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6155	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6157	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6158	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6159	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6160	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6161	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6162	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6163	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6165	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6168	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6169	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6200	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7062	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7063	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7070	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1003	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2012	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3023	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3056	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4056	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6003	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1001	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2013	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2026	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4051	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4052	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4055	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6189	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6197	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1002	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1004	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1008	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1011	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1012	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1014	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1061	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1062	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1063	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2027	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2031	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2032	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2033	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2034	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3029	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3060	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3084	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	



## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R4020	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4023	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4058	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6052	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6060	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6061	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6106	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6140	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6141	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7058	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7061	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1024	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1025	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2020	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2025	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2300	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2305	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3037	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3039	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3041	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3049	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3071	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3073	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3075	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3082	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3085	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4009	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4010	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4011	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4012	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4015	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4016	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4028	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5017	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5018	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6051	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6058	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6064	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6072	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6075	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6122	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6126	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6128	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6139	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6142	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6152	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6176	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6182	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6185	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6186	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6187	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R6188	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6192	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6196	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6216	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6217	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7015	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7034	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7039	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7040	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4017	2007-000151	R-CHIP;15Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4022	2007-000151	R-CHIP;15Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5023	2007-000151	R-CHIP;15Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5024	2007-000151	R-CHIP;15Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1013	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1015	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1016	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6066	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6067	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6068	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6069	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1023	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6057	2007-000170	R-CHIP;1Mohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2006	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2028	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2029	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3003	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3005	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3053	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3055	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4026	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4027	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4042	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4050	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5019	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5020	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5022	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6032	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6033	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6048	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6093	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6143	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6144	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6153	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6154	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6164	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6220	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7007	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7008	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7018	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7019	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7035	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R7036	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7037	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7038	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7043	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7044	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7045	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7046	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7054	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7055	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R8066	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R8067	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R8071	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R8072	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R8074	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3025	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3059	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6021	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6022	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6023	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6024	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6025	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6026	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6027	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6028	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6094	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6096	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6100	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6102	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6105	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6107	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6110	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6112	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3030	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3031	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3067	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3068	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4001	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4005	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7001	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7002	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7003	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7004	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7005	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7006	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7010	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7011	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3043	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3044	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3077	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R3078	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4013	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R4014	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4040	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4041	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6006	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6029	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6030	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6031	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6092	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6098	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6114	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7009	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A	
....4	R7013	2007-000640	R-CHIP;270ohm,1%,1/10W,TP,1608	1	S.A	
....4	R1053	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R2019	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2057	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2306	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6035	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6045	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2308	2007-000939	R-CHIP;47Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R2309	2007-000939	R-CHIP;47Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R5042	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A	
....4	R5045	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R6134	2007-001237	R-CHIP;910ohm,1%,1/10W,TP,1608	1	S.A	
....4	R2011	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6001	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6002	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6054	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6055	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2014	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6053	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R6056	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R7073	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1033	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R1051	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R1054	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R1071	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R1081	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R7014	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.N.A	
....4	R4002	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4003	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4006	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4007	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R4008	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5002	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5005	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R5008	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1021	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R1034	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R1072	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R2201	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R2307	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R4043	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R1091	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R6130	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R6131	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R2021	2007-007197	R-CHIP;3.3ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2022	2007-007197	R-CHIP;3.3ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2023	2007-007197	R-CHIP;3.3ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R2024	2007-007197	R-CHIP;3.3ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R1052	2007-007297	R-CHIP;110ohm,1%,1/10W,TP,1608	1	S.A	
....4	R1092	2007-007319	R-CHIP;390ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R6059	2007-007319	R-CHIP;390ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R3001	2007-007334	R-CHIP;200Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R3051	2007-007334	R-CHIP;200Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R1042	2007-007549	R-CHIP;4.99Kohm,1%,1/10W,TP,1608	1	S.N.A	
....4	R7012	2007-007721	R-CHIP;560ohm,1%,1/10W,TP,1608	1	S.A	
....4	R2301	2007-008339	R-CHIP;30Kohm,0.5%,1/16W,TP,1005	1	S.N.A	
....4	R2302	2007-008339	R-CHIP;30Kohm,0.5%,1/16W,TP,1005	1	S.N.A	
....4	R2303	2007-008339	R-CHIP;30Kohm,0.5%,1/16W,TP,1005	1	S.N.A	
....4	R2304	2007-008339	R-CHIP;30Kohm,0.5%,1/16W,TP,1005	1	S.N.A	
....4	R1043	2007-008593	R-CHIP;750ohm,1%,1/16W,TP,1005	1	S.A	
....4	R6179	2011-001011	R-NETWORK;10Kohm,5%,1/16W,L,CHIP,8P,TP,3	1	S.A	
....4	R6180	2011-001011	R-NETWORK;10Kohm,5%,1/16W,L,CHIP,8P,TP,3	1	S.A	
....4	R7022	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7023	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7024	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7025	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7026	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7027	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7028	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7029	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7030	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R7031	2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	C6052	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	1	S.A	
....4	C7062	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.N.A	
....4	C7067	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.N.A	
....4	C2012	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C4003	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C4004	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C5021	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.N.A	
....4	C2092	2203-000239	C-CER,CHIP;0.1nF,5%,50V,C0G,2012	1	S.N.A	
....4	C2108	2203-000239	C-CER,CHIP;0.1nF,5%,50V,C0G,2012	1	S.N.A	
....4	C2102	2203-000280	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,1608	1	S.A	
....4	C2103	2203-000280	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,1608	1	S.A	
....4	C2010	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C4016	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C6006	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C6014	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C6057	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C7046	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C7070	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C1044	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	



Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C6048	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C6049	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C6050	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C6051	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C4006	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,1005	1	S.N.A	
....4	C4007	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,1005	1	S.N.A	
....4	C5022	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C5023	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C2016	2203-000812	C-CER,CHIP;.033nF,5%,50V,C0G,-,1005	1	S.A	
....4	C2017	2203-000812	C-CER,CHIP;.033nF,5%,50V,C0G,-,1005	1	S.A	
....4	C2039	2203-000838	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,1608	1	S.A	
....4	C2040	2203-000838	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,1608	1	S.A	
....4	C2041	2203-000838	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,1608	1	S.A	
....4	C2042	2203-000838	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,1608	1	S.A	
....4	C2043	2203-000925	C-CER,CHIP;470nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C2044	2203-000925	C-CER,CHIP;470nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C4019	2203-000995	C-CER,CHIP;0.047nF,5%,50V,C0G,1005	1	S.A	
....4	C4021	2203-000995	C-CER,CHIP;0.047nF,5%,50V,C0G,1005	1	S.A	
....4	C4028	2203-000995	C-CER,CHIP;0.047nF,5%,50V,C0G,1005	1	S.A	
....4	C5024	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C5025	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C6037	2203-001412	C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005	1	S.N.A	
....4	C6038	2203-001412	C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005	1	S.N.A	
....4	C1091	2203-001596	C-CER,CHIP;2200nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C1094	2203-001596	C-CER,CHIP;2200nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C6002	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.N.A	
....4	C4029	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C4030	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C4031	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C4032	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C4005	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C4009	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C5006	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C5007	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C2053	2203-002687	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1005	1	S.A	
....4	C2054	2203-002687	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1005	1	S.A	
....4	C2055	2203-002687	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1005	1	S.A	
....4	C2056	2203-002687	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1005	1	S.A	
....4	C1051	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.N.A	
....4	C1052	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.N.A	
....4	C2026	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2027	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2029	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2030	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2032	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2033	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2034	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2035	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2036	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2037	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2045	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C2046	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2047	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2048	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2049	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2050	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2051	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C2052	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C4011	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	1	S.N.A	
....4	C1021	2203-005261	C-CER,CHIP;1000nF,10%,25V,X7R,3216	1	S.N.A	
....4	C1032	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C1072	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C1081	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C1082	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6029	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6030	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6035	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6036	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6041	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6055	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C6056	2203-005384	C-CER,CHIP;4700nF,+80-20%,10V,Y5V,TP,201	1	S.N.A	
....4	C1013	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C2038	2203-005968	C-CER,CHIP;4.7NF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C6005	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6007	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6008	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6013	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6015	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6016	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6017	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6018	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6022	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6023	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6024	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6025	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C6026	2203-006126	C-CER,CHIP;47NF,10%,16V,X7R,TP,1005	1	S.N.A	
....4	C1012	2203-006141	C-CER,CHIP;1000nF,10%,16V,X5R,1608	1	S.N.A	
....4	C1043	2203-006141	C-CER,CHIP;1000nF,10%,16V,X5R,1608	1	S.N.A	
....4	C1092	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C1093	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2006	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2007	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2008	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2013	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2014	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2015	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C2024	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C4020	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C4034	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C6001	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7031	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7033	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C7034	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7036	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7039	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7041	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7044	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7045	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7059	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7060	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7063	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7064	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C7065	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C1011	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	S.N.A	
....4	C1014	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	S.N.A	
....4	C4015	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	S.N.A	
....4	C7025	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	S.N.A	
....4	C7047	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	S.N.A	
....4	C2019	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C2020	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C2021	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C2022	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C2028	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C2031	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	S.A	
....4	C1041	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1042	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1045	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1046	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1047	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1048	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C2005	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C2009	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C3005	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C3013	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C4008	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C4012_OP	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C4017	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C4023_OP	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C6003	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C6046	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C7028	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	1	S.A	
....4	C1006	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C1007	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C2003	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C2004	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C2104	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C2105	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C2106	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C4026	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C6045	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C7043	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C7055	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C7056	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	1	S.N.A	



## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C7066	2203-006562	C-CER,CHIP;100nF,10%,10V,X5R,TP,1005	1	S.N.A	
....4	C1031	2203-006618	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,160	1	S.N.A	
....4	C1071	2203-006618	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,160	1	S.N.A	
....4	C3007	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C3015	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C4010	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C4027	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6004	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6027	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6028	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6039	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6040	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6042	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6043	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6044	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6047	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C6058	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7001	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7002	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7003	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7005	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7006	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7007	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7008	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7009	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7010	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7011	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7012	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7013	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7014	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7015	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7017	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7018	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7019	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7020	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7021	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7022	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7023	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7024	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7026	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7027	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7030	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7032	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7035	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7037	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7048	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7049	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7050	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7051	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7052	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C7054	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	

## 5. Exploded View & Part List

[illegible]

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	JA3001	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA3004	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	M0106	3708-001150	CONNECTOR-FPC/FFC/PIC;30P,1mm,SMD-A,SN,Y	1	S.A	
....4	T0077	BN41-01199A	PCB MAIN;LA26B360,FR-4,4,1.2T,192*122,1	1	S.N.A	
....4	D2006	0401-001049	DIODE-SWITCHING;LS4148,75V,150mA,SOD-80,	1	S.A	
....4	D2009	0401-001049	DIODE-SWITCHING;LS4148,75V,150mA,SOD-80,	1	S.A	
....4	D2012	0401-001049	DIODE-SWITCHING;LS4148,75V,150mA,SOD-80,	1	S.A	
....4	D2013	0401-001049	DIODE-SWITCHING;LS4148,75V,150mA,SOD-80,	1	S.A	
....4	D2014	0401-001049	DIODE-SWITCHING;LS4148,75V,150mA,SOD-80,	1	S.A	
....4	M0018	BN97-03501A	ASSY MICOM;T-LL5MSAM-1003.5,LOLA3,LB3F,2	1	S.N.A	
.....5	IC115	1107-001777	IC-FLASH MEMORY;MX25L6405DMI-12G,64Mbit,	1	S.A	
					S.A	
0.1	M0045	BN92-04895E	ASSY ACCESSORY;LN32B350F1XZP	1	S.N.A	
..2	M0045	BN96-10885B	ASSY ACCESSORY-CABLE;LN32B350F1XSR	1	S.A	
...3	T0685	4301-000103	BATTERY-ALKALINE;1.5V,750mAH,AAA[ LR03],	2	S.N.A	
...3	M9889	BN63-01798B	CLOTH-CLEAN;cloth,180,200,sea blue,ToC	1	S.N.A	
...3	T0531	BN63-05618B	COVER-BOTTOM;26,32,LB350,HIPS,HB,BK500	1	S.A	
...3	M0560	BN96-01800G	ASSY ACCESSORY-SCREW ZIPPER;26,32,LB350,	1	S.N.A	
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.N.A	
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.N.A	
....4		6902-000683	BAG ZIPPER;LDPE,T0.05,W60,L60,TRP,4-PE M	1	S.N.A	
...3		BN98-01767A	ASSY K/D-REMOCON;BN59-00869A	1	S.N.A	
....4	M0014	BN94-02776A	ASSY PCB MAIN;BN59-00869A	1	S.N.A	
.....5		BN83-01257A	CKD-IR-LED;SI-5312H	1	S.N.A	
.....5		BN83-01347A	CKD-SPRING -;TM940,SUS 304,0.5,TM-940	1	S.N.A	
.....5		BN83-01348A	CKD-SPRING +;TM940,SUS 304,0.5,TM-940	1	S.N.A	
.....5	T0174	BN97-03361A	ASSY SMD;BN59-00869A	1	S.N.A	
.....6		AA83-00260A	CKD-CHIP-CAPACITOR;CL 21C 104ZBC NNNC	1	S.N.A	
.....6		BN83-01341A	CKD-IC-MCU;TM940,GC49C501GO, 1K,2PIN,SOP	1	S.N.A	
.....6		BN83-01343A	CKD-PCB-;TM940,XPC,40.1*162.2*1.6T,CARBO	1	S.N.A	
.....5		AA83-00262A	CKD-ELE-CAPACITOR;SHL 16V 47uF 5.0##	1	S.N.A	
.....5		BN83-01346A	CKD-RESONATOR;TM940,3.64MHz,,3PIN,BK	1	S.N.A	
....4		AA83-00266A	CKD-HOLDER WIRE;URETHAN CLARITY	1	S.N.A	
....4		AA83-00325A	CKD-BAG-PE;BN59-00678A	1	S.N.A	
....4		BN83-01331A	CKD-SPRING C;TM940,SUS 304,0.5,TM-940	1	S.N.A	
....4		BN83-01332A	CKD-COVER-TOP;TM940,ABS,HF-0680,K21383B,	1	S.N.A	
....4		BN83-01333A	CKD-COVER-BOTTOM;TM940,ABS,HF-0680,K2138	1	S.N.A	
....4		BN83-01334A	CKD-COVER-REAR SUB;TM940,ABS,HF-0680,K21	1	S.N.A	
....4		BN83-01335A	CKD-RUBBER-KEY;TM940,SILICONE,00865A,TM-	1	S.N.A	
...3	T0268	3903-000467	CBF-POWER CORD;DT,US,EP3,IEC320 C13-RA,1	1	S.A	
...3	T0524	6902-000009	BAG PE;HDPE,T0.03,W240,L400,TRP,8,2,-,5.	1	S.N.A	
..2	M0045	BN96-10886D	ASSY ACCESSORY-MANUAL;LN32B350F1XZP	1	S.A	
...3		BN68-00844A	MANUAL FLYER-01, LEAFLET;LCD/CDT Leaflet	1	S.N.A	
...3		BN81-02301A	A/S-LABEL-E PASS;SEDA,ART PAPER,W42,L12,	1	S.N.A	
...3	T0511	BN68-01975H	MANUAL USERS;B350,SAMSUNG,ENG/SPA,S.AMER	1	S.A	
					S.A	
0.1	M0019	BN92-04920C	ASSY LABEL;LN32B350F1XZL	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
					S.A	
0.1	M0003	BN92-04922E	ASSY BOX;32,LB350,UO	1	S.N.A	
..2		BN69-03704D	BOX-SET;32LB350,CB,A-01,DW3, ECT60,YEL,W	1	S.N.A	
					S.A	
0.1	M0113	BN92-04924A	ASSY P/MATERIAL;32,LB350	1	S.N.A	
..2	T0524	6902-000358	BAG PE;HDPE/NITRON,T0.015/T0.5,W900,L700	1	S.N.A	
					S.A	
0.1		BN98-01932A	ASSY K/D-ETC;LN32B350F1CZD	1	S.N.A	
..2	T0081	6001-002284	SCREW-MACHINE;BH,+,M4,L8,ZPC(WHT),SWRCH1	2	S.A	
..2	T0081	6001-002284	SCREW-MACHINE;BH,+,M4,L8,ZPC(WHT),SWRCH1	2	S.A	
..2	T0081	6001-002284	SCREW-MACHINE;BH,+,M4,L8,ZPC(WHT),SWRCH1	4	S.A	
..2	BR/LINK+PA	6003-000337	SCREW-TAPTYPE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.N.A	
..2	BR/LINK+C/	6003-001188	SCREW-TAPTYPE;BH,+,B,M4,L10,ZPC(WHT),S	3	S.N.A	
..2	BR/TOP+C/F	6003-001188	SCREW-TAPTYPE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M/PCB+BR/P	6003-001188	SCREW-TAPTYPE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	GROUND	6003-001439	SCREW-TAPTYPE;BH,+,S,M4,L8,ZPC(WHT),SWRC	1	S.N.A	
..2	PANEL+C/F	6006-001096	SCREW-TAPTYPE;BH,+,WP,B,M4.0,L12,ZPC(BLK	2	S.N.A	
..2	M2893	BN39-00691K	LEAD CONNECTOR;LB3F,UL1007#26,16p,600mm,	1	S.A	
..2	M0146	BN61-04409A	BRACKET-PANEL SIDE;L450 26INCH,SECC,T1.2	2	S.N.A	
..2	M0115	BN61-04820A	BRACKET-STAND LINK;B650-32,SECC,T1.2	1	S.N.A	
..2	M0107	BN61-05314A	BRACKET-PCB;S-PJT,SECC,T1.0	2	S.N.A	
..2	M0230	BN96-07766R	ASSY CABLE P-FFC;LB360,FFC CABLE,430mm,3	1	S.A	
..2		BN98-01955A	ASSY K/D-POWER & INVERTER;BN44-00300A,32	1	S.N.A	
...3		BN98-01956A	ASSY K/D-POWER 1;BN44-00261A	1	S.N.A	
....4	M0014	BN94-02894A	ASSY PCB MAIN;BN44-00261A	1	S.N.A	
.....5	BD801S	BN81-00597A	A/S-DIODE-BRIDGE;0402-000104,-,-,-,-,-	1	S.N.A	
.....5	DP805	BN81-00600A	A/S-DIODE-RECTIFIER;0402-001415,-,-,-,-,-	1	S.N.A	
.....5	RP820	BN81-00674A	A/S-R-METAL PLATE;2009-001001,-,-,-,-,-	1	S.N.A	
.....5	CX801S	BN81-00693A	A/S-C-FILM,MPEF;2301-001730,-,-,-,-,-	1	S.N.A	
.....5	CX802S	BN81-00693A	A/S-C-FILM,MPEF;2301-001730,-,-,-,-,-	1	S.N.A	
.....5	FS801S	BN81-00704A	A/S-FUSE-CARTRIDGE;3601-000461,-,-,-,-,-	1	S.N.A	
.....5	DM851	BN81-00719A	A/S-DIODE-RECTIFIER;0402-001600,-,-,-,-,-	1	S.N.A	
.....5	BD1	BN81-00941A	A/S-CORE-FERRITE;3301-000214,-,-,-,-,-	1	S.N.A	
.....5	BD2	BN81-00941A	A/S-CORE-FERRITE;3301-000214,-,-,-,-,-	1	S.N.A	
.....5	BD3	BN81-00941A	A/S-CORE-FERRITE;3301-000214,-,-,-,-,-	1	S.N.A	
.....5	BD4	BN81-00941A	A/S-CORE-FERRITE;3301-000214,-,-,-,-,-	1	S.N.A	
.....5		BN81-00953A	A/S-SCREW-MACHINE;6006-000261,-,-,-,-,-	7	S.N.A	
.....5	LX802S	BN81-00978A	A/S-COIL FILTER;ML27-00406F,-,-,-,-,-	1	S.N.A	
.....5	SP1	BN81-01002A	A/S-CAPACITOR-AL;ML61-00150C,-,-,-,-,-	1	S.N.A	
.....5	SP2	BN81-01002A	A/S-CAPACITOR-AL;ML61-00150C,-,-,-,-,-	1	S.N.A	
.....5	LABEL	BN81-01014A	A/S-CAPACITOR-AL;ML68-00582L,-,-,-,-,-	1	S.N.A	
.....5	DP804	BN81-01336A	A/S-DIODE-RECTIFIER;0402-001766,-,-,-,-,-	1	S.N.A	
.....5	DP810	BN81-01336A	A/S-DIODE-RECTIFIER;0402-001766,-,-,-,-,-	1	S.N.A	
.....5	QP802S	BN81-01346A	A/S-FET-SILICON;0505-002300,-,-,-,-,-	1	S.N.A	
.....5	CM805	BN81-01485A	A/S-C-FILM,LEAD;2301-001889,-,-,-,-,-	1	S.N.A	
.....5	CI892	BN81-01486A	A/S-C-FILM,LEAD;2301-001895,-,-,-,-,-	1	S.N.A	
.....5	FM802S	BN81-01489A	A/S-FUSE-CARTRIDGE;3601-000395,-,-,-,-,-	1	S.N.A	
.....5	LM851	BN81-02003A	A/S-COIL CHOKE;ML27-00390Y	1	S.N.A	
.....5	LM852	BN81-02003A	A/S-COIL CHOKE;ML27-00390Y	1	S.N.A	
.....5	QI820	BN81-02504A	A/S-FET-SILICON;0505-002370	1	S.N.A	
.....5	QI821	BN81-02504A	A/S-FET-SILICON;0505-002370	1	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....5	NT811S	BN81-02518A	A/S-THERMISTOR-NTC;1404-001473	1	S.N.A	
.....5	CI839	BN81-02583A	A/S-C-CERAMIC,DISC;2201-002308	1	S.N.A	
.....5	CI840	BN81-02583A	A/S-C-CERAMIC,DISC;2201-002308	1	S.N.A	
.....5	CI845	BN81-02583A	A/S-C-CERAMIC,DISC;2201-002308	1	S.N.A	
.....5	CI846	BN81-02583A	A/S-C-CERAMIC,DISC;2201-002308	1	S.N.A	
.....5	CI849	BN81-02583A	A/S-C-CERAMIC,DISC;2201-002308	1	S.N.A	
.....5	CI854	BN81-02583A	A/S-C-CERAMIC,DISC;2201-002308	1	S.N.A	
.....5	CI857	BN81-02583A	A/S-C-CERAMIC,DISC;2201-002308	1	S.N.A	
.....5	CI859	BN81-02583A	A/S-C-CERAMIC,DISC;2201-002308	1	S.N.A	
.....5	CNM802	BN81-02619A	A/S-HEADER-BOARD TO CABLE;3711-006817	1	S.N.A	
.....5	CN801S	BN81-02620A	A/S-PLUG-AC POWER;3721-001113	1	S.N.A	
.....5	LX804S	BN81-02658A	A/S-COIL FILTER-LINE;ML27-00413L	1	S.N.A	
.....5	CN802S	BN81-02665A	A/S-CONNECTOR;ML37-00028A	1	S.N.A	
.....5	LUG	BN81-02704A	A/S-GND LUG;ML70-00271J	1	S.N.A	
.....5	CM803S	BN81-02880A	A/S-C-CERAMIC,DISC;2201-002301	1	S.N.A	
.....5	CY803S	BN81-02880A	A/S-C-CERAMIC,DISC;2201-002301	1	S.N.A	
.....5	CM801S	BN81-02881A	A/S-C-CERAMIC,DISC;2201-002317	1	S.N.A	
.....5	CY801S	BN81-02882A	A/S-C-CERAMIC,DISC;2201-002322	1	S.N.A	
.....5	CY802S	BN81-02882A	A/S-C-CERAMIC,DISC;2201-002322	1	S.N.A	
.....5	LX801S	BN81-02886A	A/S-COIL FILTER-LINE;ML27-00416U	1	S.N.A	
.....5	UM801S	BN81-02906A	A/S-IC;1203-005262	1	S.N.A	
.....5	HS2	BN81-02917A	A/S-HEATSINK;ML62-00288A	1	S.N.A	
.....5	HS4	BN81-02920A	A/S-HEATSINK;ML62-00288F	1	S.N.A	
.....5	HS3	BN81-02924A	A/S-HEATSINK;ML62-00288B	1	S.N.A	
.....5	LP801S	BN81-02929A	A/S-INDUCTOR;ML27-00415D	1	S.N.A	
.....5	HS1	BN81-02930A	A/S-HEATSINK;ML62-00286Z	1	S.N.A	
.....5	TI801S	BN81-02938A	A/S-TRANSFORMER;LH26-00176G	1	S.N.A	
.....5	TI802S	BN81-02938A	A/S-TRANSFORMER;LH26-00176G	1	S.N.A	
.....5	CON2	BN81-02955A	A/S-CONNECTOR;3711-005525	1	S.N.A	
.....5	VX801S	BN81-03070A	A/S-VARISTOR;1405-001255	1	S.N.A	
.....5	TM801S	BN81-03085A	A/S-TRANSFORMER;ML26-00391S	1	S.N.A	
.....5	CONNECTOR	BN81-03096A	A/S-HARNESS CONNECT-ASSY;ML39-00606H	1	S.N.A	
.....5	CP815	BN81-03097A	A/S-E-CAPACITOR;ML59-00013U	1	S.N.A	
.....5	T0238	BN97-03482A	ASSY AUTO;BN44-00261A	1	S.N.A	
.....6	J801	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J803	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J804	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J805	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J806	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J810	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J812	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J814	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J816	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J817	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J818	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J819	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J820	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J821	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J822	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J823	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	
.....6	J824	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-	1	S.N.A	



Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....6	J825	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J826	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J827	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J830	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J831	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J833	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J835	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J836	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J839	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J844	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J846	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J851	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J855	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J856	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J861	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J862	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J863	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J865	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J874	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J877	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	J878	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-	1	S.N.A	
.....6	DM801	BN81-00714A	A/S-DIODE-RECTIFIER;0402-001486,-,-,-,-	1	S.N.A	
.....6	DM802	BN81-00717A	A/S-DIODE-RECTIFIER;0402-001559,-,-,-,-	1	S.N.A	
.....6	DM803	BN81-00723A	A/S-DIODE-RECTIFIER;0402-001651,-,-,-,-	1	S.N.A	
.....6	DM852	BN81-00723A	A/S-DIODE-RECTIFIER;0402-001651,-,-,-,-	1	S.N.A	
.....6	FM802A	BN81-00947A	A/S-FUSE-CLIP;3602-000158,-,-,-,-,-	1	S.N.A	
.....6	FM802B	BN81-00947A	A/S-FUSE-CLIP;3602-000158,-,-,-,-,-	1	S.N.A	
.....6	FS801A	BN81-00947A	A/S-FUSE-CLIP;3602-000158,-,-,-,-,-	1	S.N.A	
.....6	FS801B	BN81-00947A	A/S-FUSE-CLIP;3602-000158,-,-,-,-,-	1	S.N.A	
.....6	CN801S	BN81-00954A	A/S-EYELET;6042-001003,-,-,-,-,-	3	S.N.A	
.....6	CN802S	BN81-00954A	A/S-EYELET;6042-001003,-,-,-,-,-	2	S.N.A	
.....6	CP801S	BN81-00955A	A/S-EYELET;6042-001007,-,-,-,-,-	2	S.N.A	
.....6	CP815	BN81-00955A	A/S-EYELET;6042-001007,-,-,-,-,-	2	S.N.A	
.....6	CX801S	BN81-00955A	A/S-EYELET;6042-001007,-,-,-,-,-	2	S.N.A	
.....6	CX802S	BN81-00955A	A/S-EYELET;6042-001007,-,-,-,-,-	2	S.N.A	
.....6	QI820	BN81-00955A	A/S-EYELET;6042-001007,-,-,-,-,-	2	S.N.A	
.....6	QI821	BN81-00955A	A/S-EYELET;6042-001007,-,-,-,-,-	2	S.N.A	
.....6	QP802S	BN81-00955A	A/S-EYELET;6042-001007,-,-,-,-,-	1	S.N.A	
.....6	RP820	BN81-00955A	A/S-EYELET;6042-001007,-,-,-,-,-	2	S.N.A	
.....6	BD801S	BN81-00956A	A/S-PIN-ETC;6043-001074,-,-,-,-,-	4	S.N.A	
.....6	LP801S	BN81-00956A	A/S-PIN-ETC;6043-001074,-,-,-,-,-	2	S.N.A	
.....6	LX801S	BN81-00956A	A/S-PIN-ETC;6043-001074,-,-,-,-,-	4	S.N.A	
.....6	LX802S	BN81-00956A	A/S-PIN-ETC;6043-001074,-,-,-,-,-	4	S.N.A	
.....6	LX804	BN81-00956A	A/S-PIN-ETC;6043-001074,-,-,-,-,-	2	S.N.A	
.....6	NT811S	BN81-00956A	A/S-PIN-ETC;6043-001074,-,-,-,-,-	2	S.N.A	
.....6	TI801S	BN81-00956A	A/S-PIN-ETC;6043-001074,-,-,-,-,-	6	S.N.A	
.....6	TI802S	BN81-00956A	A/S-PIN-ETC;6043-001074,-,-,-,-,-	6	S.N.A	
.....6	TM801S	BN81-00956A	A/S-PIN-ETC;6043-001074,-,-,-,-,-	4	S.N.A	
.....6	BD901	BN81-00971A	A/S-COIL CHOKE;ML27-00394U,-,-,-,-,-	1	S.N.A	
.....6	LB802	BN81-00971A	A/S-COIL CHOKE;ML27-00394U,-,-,-,-,-	1	S.N.A	
.....6	LB804	BN81-00971A	A/S-COIL CHOKE;ML27-00394U,-,-,-,-,-	1	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....6	LB805	BN81-00971A	A/S-COIL CHOKE;ML27-00394U,-,-,-,-,-,-,-	1	S.N.A	
.....6	CM808	BN81-01193A	A/S-C-AL;2401-003521	1	S.N.A	
.....6	CM876	BN81-01194A	A/S-C-AL;2401-004307	1	S.N.A	
.....6	CM881	BN81-01194A	A/S-C-AL;2401-004307	1	S.N.A	
.....6	CB804	BN81-01244A	A/S-CAPACITOR-AL;ML59-00024C	1	S.N.A	
.....6	CM853	BN81-01244A	A/S-CAPACITOR-AL;ML59-00024C	1	S.N.A	
.....6	CM854	BN81-01244A	A/S-CAPACITOR-AL;ML59-00024C	1	S.N.A	
.....6	CM867	BN81-01244A	A/S-CAPACITOR-AL;ML59-00024C	1	S.N.A	
.....6	CM869	BN81-01244A	A/S-CAPACITOR-AL;ML59-00024C	1	S.N.A	
.....6	CM871	BN81-01244A	A/S-CAPACITOR-AL;ML59-00024C	1	S.N.A	
.....6	CP809	BN81-01244A	A/S-CAPACITOR-AL;ML59-00024C	1	S.N.A	
.....6	RM833	BN81-01350A	A/S-R-METAL OXIDE;2003-000303,-,-,-,-,-,-,-	1	S.N.A	
.....6	DT801S	BN81-01512A	A/S-TRANS-PULSE;ML26-00381R,-,-,-,-,-,-,-	1	S.N.A	
.....6	QB801	BN81-01571A	A/S-TR-SMALL SIGNAL;0501-002497,-,-,-,-,-,-,-	1	S.N.A	
.....6	ZM801	BN81-02483A	A/S-DIODE-ZENER;0403-000532	1	S.N.A	
.....6	ZM804	BN81-02485A	A/S-DIODE-ZENER;0403-001656	1	S.N.A	
.....6	VR1801	BN81-02579A	A/S-VR-SEMI;2103-001198	1	S.N.A	
.....6	CM852	BN81-02607A	A/S-C-AL;2401-004509	1	S.N.A	
.....6	CI801	BN81-02609A	A/S-C-AL;2401-004521	1	S.N.A	
.....6	RM811	BN81-02649A	A/S-PRE DIP-R-METAL OXIDE(S);ML02-00022B	1	S.N.A	
.....6	CI890	BN81-02692A	A/S-CAPACITOR-CERAMIC DISC;ML59-00036C	1	S.N.A	
.....6	CI891	BN81-02692A	A/S-CAPACITOR-CERAMIC DISC;ML59-00036C	1	S.N.A	
.....6	RM869	BN81-02947A	A/S-MOR;ML02-00021B	1	S.N.A	
.....6	CM806	BN81-02969A	A/S-CAPACITOR;2201-002320	1	S.N.A	
.....6	T0174	BN97-03468A	ASSY SMD;BN44-00261A	1	S.N.A	
.....7	DI803	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	DI804	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	DI805	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	DI806	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	DI810	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	DI811	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	DI812	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	DI813	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	DI814	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	DI815	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	DI816	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	DI817	BN81-00608A	A/S-DIODE-ARRAY;0407-000122,-,-,-,-,-,-,-	1	S.N.A	
.....7	UB802	BN81-00614A	A/S-IC-VOLTAGE COMP;1202-000104,-,-,-,-,-,-,-	1	S.N.A	
.....7	J940	BN81-00630A	A/S-R-CHIP;2007-000033,-,-,-,-,-,-,-	1	S.N.A	
.....7	RP823	BN81-00630A	A/S-R-CHIP;2007-000033,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI803	BN81-00636A	A/S-R-CHIP;2007-000293,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI804	BN81-00636A	A/S-R-CHIP;2007-000293,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI839	BN81-00636A	A/S-R-CHIP;2007-000293,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI842	BN81-00636A	A/S-R-CHIP;2007-000293,-,-,-,-,-,-,-	1	S.N.A	
.....7	RP821	BN81-00640A	A/S-R-CHIP;2007-000312,-,-,-,-,-,-,-	1	S.N.A	
.....7	RP822	BN81-00642A	A/S-R-CHIP;2007-000417,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM812	BN81-00667A	A/S-R-CHIP;2007-001135,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM813	BN81-00667A	A/S-R-CHIP;2007-001135,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM814	BN81-00667A	A/S-R-CHIP;2007-001135,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM815	BN81-00667A	A/S-R-CHIP;2007-001135,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM820	BN81-00667A	A/S-R-CHIP;2007-001135,-,-,-,-,-,-,-	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....7	RM821	BN81-00667A	A/S-R-CHIP;2007-001135,-,-,-,-,-	1	S.N.A	
.....7	RM822	BN81-00667A	A/S-R-CHIP;2007-001135,-,-,-,-,-	1	S.N.A	
.....7	RM823	BN81-00667A	A/S-R-CHIP;2007-001135,-,-,-,-,-	1	S.N.A	
.....7	J815	BN81-00709A	A/S-WIRE-NO SHEATH CU;3812-001283,-,-,-,-,-	1	S.N.A	
.....7	ZB801	BN81-00726A	A/S-DIODE-ZENER;0403-000673,-,-,-,-,-	1	S.N.A	
.....7	ZM805	BN81-00726A	A/S-DIODE-ZENER;0403-000673,-,-,-,-,-	1	S.N.A	
.....7	DB801	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	DB802	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	DB803	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	DI802	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	DI827	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	DI830	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	DI831	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	DI832	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	DI833	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	DM804	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	DP802	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	DP807	BN81-00750A	A/S-DIODE-ARRAY;0407-001009,-,-,-,-,-	1	S.N.A	
.....7	QB803	BN81-00751A	A/S-TR-SMALL SIGNAL;0501-000458,-,-,-,-,-	1	S.N.A	
.....7	QI802	BN81-00751A	A/S-TR-SMALL SIGNAL;0501-000458,-,-,-,-,-	1	S.N.A	
.....7	QI805	BN81-00751A	A/S-TR-SMALL SIGNAL;0501-000458,-,-,-,-,-	1	S.N.A	
.....7	QI807	BN81-00751A	A/S-TR-SMALL SIGNAL;0501-000458,-,-,-,-,-	1	S.N.A	
.....7	QM802	BN81-00751A	A/S-TR-SMALL SIGNAL;0501-000458,-,-,-,-,-	1	S.N.A	
.....7	QB802	BN81-00752A	A/S-TR-SMALL SIGNAL;0501-000734,-,-,-,-,-	1	S.N.A	
.....7	QI803	BN81-00752A	A/S-TR-SMALL SIGNAL;0501-000734,-,-,-,-,-	1	S.N.A	
.....7	QI806	BN81-00752A	A/S-TR-SMALL SIGNAL;0501-000734,-,-,-,-,-	1	S.N.A	
.....7	QI810	BN81-00752A	A/S-TR-SMALL SIGNAL;0501-000734,-,-,-,-,-	1	S.N.A	
.....7	QI811	BN81-00752A	A/S-TR-SMALL SIGNAL;0501-000734,-,-,-,-,-	1	S.N.A	
.....7	QM803	BN81-00752A	A/S-TR-SMALL SIGNAL;0501-000734,-,-,-,-,-	1	S.N.A	
.....7	QI801	BN81-00754A	A/S-FET-SILICON;0505-001427,-,-,-,-,-	1	S.N.A	
.....7	QI804	BN81-00754A	A/S-FET-SILICON;0505-001427,-,-,-,-,-	1	S.N.A	
.....7	QI808	BN81-00754A	A/S-FET-SILICON;0505-001427,-,-,-,-,-	1	S.N.A	
.....7	RI859	BN81-00793A	A/S-R-CHIP;2007-000307,-,-,-,-,-	1	S.N.A	
.....7	RI860	BN81-00793A	A/S-R-CHIP;2007-000307,-,-,-,-,-	1	S.N.A	
.....7	RI872	BN81-00805A	A/S-R-CHIP;2007-000735,-,-,-,-,-	1	S.N.A	
.....7	RI877	BN81-00805A	A/S-R-CHIP;2007-000735,-,-,-,-,-	1	S.N.A	
.....7	RI873	BN81-00811A	A/S-R-CHIP;2007-000930,-,-,-,-,-	1	S.N.A	
.....7	RI874	BN81-00811A	A/S-R-CHIP;2007-000930,-,-,-,-,-	1	S.N.A	
.....7	RI878	BN81-00811A	A/S-R-CHIP;2007-000930,-,-,-,-,-	1	S.N.A	
.....7	RI879	BN81-00811A	A/S-R-CHIP;2007-000930,-,-,-,-,-	1	S.N.A	
.....7	RI871	BN81-00819A	A/S-R-CHIP;2007-001660,-,-,-,-,-	1	S.N.A	
.....7	RI876	BN81-00819A	A/S-R-CHIP;2007-001660,-,-,-,-,-	1	S.N.A	
.....7	RI870	BN81-00821A	A/S-R-CHIP;2007-001670,-,-,-,-,-	1	S.N.A	
.....7	RI875	BN81-00821A	A/S-R-CHIP;2007-001670,-,-,-,-,-	1	S.N.A	
.....7	CI828	BN81-00917A	A/S-C-CER,CHIP;2203-006471,-,-,-,-,-	1	S.N.A	
.....7	ZDI801	BN81-01110A	A/S-DIODE-ZENER;0403-000409	1	S.N.A	
.....7	ZDI802	BN81-01112A	A/S-DIODE-ZENER;0403-001500	1	S.N.A	
.....7	ZP801	BN81-01112A	A/S-DIODE-ZENER;0403-001500	1	S.N.A	
.....7	UP801S	BN81-01119A	A/S-IC-PWM CONTROLLER;1203-004854	1	S.N.A	
.....7	RB809	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	RB812	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	



## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....7	RB816	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	RI829	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	RI831	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	RI855	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	RI857	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	RI892	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	RM870	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	RM880	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	RM882	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	RP804	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	RP806	BN81-01125A	A/S-R-CHIP;2007-000052	1	S.N.A	
.....7	J809	BN81-01126A	A/S-R-CHIP;2007-000070	1	S.N.A	
.....7	J829	BN81-01126A	A/S-R-CHIP;2007-000070	1	S.N.A	
.....7	J832	BN81-01126A	A/S-R-CHIP;2007-000070	1	S.N.A	
.....7	J943	BN81-01126A	A/S-R-CHIP;2007-000070	1	S.N.A	
.....7	RM881	BN81-01126A	A/S-R-CHIP;2007-000070	1	S.N.A	
.....7	RP801	BN81-01136A	A/S-R-CHIP;2007-000107	1	S.N.A	
.....7	RP814	BN81-01142A	A/S-R-CHIP;2007-000265	1	S.N.A	
.....7	RP813	BN81-01147A	A/S-R-CHIP;2007-000614	1	S.N.A	
.....7	RI810	BN81-01149A	A/S-R-CHIP;2007-000842	1	S.N.A	
.....7	RI802	BN81-01150A	A/S-R-CHIP;2007-000939	1	S.N.A	
.....7	RI854	BN81-01150A	A/S-R-CHIP;2007-000939	1	S.N.A	
.....7	RP803	BN81-01150A	A/S-R-CHIP;2007-000939	1	S.N.A	
.....7	RI890	BN81-01157A	A/S-R-CHIP;2007-007723	1	S.N.A	
.....7	CI814	BN81-01185A	A/S-C-CER,CHIP;2203-000440	1	S.N.A	
.....7	CI815	BN81-01185A	A/S-C-CER,CHIP;2203-000440	1	S.N.A	
.....7	CM860	BN81-01185A	A/S-C-CER,CHIP;2203-000440	1	S.N.A	
.....7	CM861	BN81-01185A	A/S-C-CER,CHIP;2203-000440	1	S.N.A	
.....7	CM862	BN81-01185A	A/S-C-CER,CHIP;2203-000440	1	S.N.A	
.....7	CM864	BN81-01185A	A/S-C-CER,CHIP;2203-000440	1	S.N.A	
.....7	CM865	BN81-01185A	A/S-C-CER,CHIP;2203-000440	1	S.N.A	
.....7	CB801	BN81-01190A	A/S-C-CER,CHIP;2203-005249	1	S.N.A	
.....7	CB803	BN81-01190A	A/S-C-CER,CHIP;2203-005249	1	S.N.A	
.....7	CB810	BN81-01190A	A/S-C-CER,CHIP;2203-005249	1	S.N.A	
.....7	CI804	BN81-01190A	A/S-C-CER,CHIP;2203-005249	1	S.N.A	
.....7	CI807	BN81-01190A	A/S-C-CER,CHIP;2203-005249	1	S.N.A	
.....7	CI810	BN81-01190A	A/S-C-CER,CHIP;2203-005249	1	S.N.A	
.....7	CI834	BN81-01190A	A/S-C-CER,CHIP;2203-005249	1	S.N.A	
.....7	CM803	BN81-01190A	A/S-C-CER,CHIP;2203-005249	1	S.N.A	
.....7	CP808	BN81-01190A	A/S-C-CER,CHIP;2203-005249	1	S.N.A	
.....7	CI809	BN81-01226A	A/S-CAPACITOR-MLCC;ML59-00014X	1	S.N.A	
.....7	CP804	BN81-01227A	A/S-CAPACITOR-MLCC;ML59-00015A	1	S.N.A	
.....7	RB811	BN81-01353A	A/S-R-CHIP;2007-000060,-,-,-,-,-,-,-	1	S.N.A	
.....7	RB815	BN81-01353A	A/S-R-CHIP;2007-000060,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI805	BN81-01353A	A/S-R-CHIP;2007-000060,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI811	BN81-01353A	A/S-R-CHIP;2007-000060,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI812	BN81-01353A	A/S-R-CHIP;2007-000060,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI856	BN81-01353A	A/S-R-CHIP;2007-000060,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI861	BN81-01353A	A/S-R-CHIP;2007-000060,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI862	BN81-01353A	A/S-R-CHIP;2007-000060,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM867	BN81-01353A	A/S-R-CHIP;2007-000060,-,-,-,-,-,-,-	2	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....7	RI808	BN81-01355A	A/S-R-CHIP;2007-000066,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM854	BN81-01355A	A/S-R-CHIP;2007-000066,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM855	BN81-01355A	A/S-R-CHIP;2007-000066,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM856	BN81-01355A	A/S-R-CHIP;2007-000066,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM874	BN81-01355A	A/S-R-CHIP;2007-000066,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI863	BN81-01360A	A/S-R-CHIP;2007-000475,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI891	BN81-01360A	A/S-R-CHIP;2007-000475,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM868	BN81-01360A	A/S-R-CHIP;2007-000475,-,-,-,-,-,-,-	1	S.N.A	
.....7	RP817	BN81-01360A	A/S-R-CHIP;2007-000475,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM862	BN81-01364A	A/S-R-CHIP;2007-000869,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM805	BN81-01365A	A/S-R-CHIP;2007-000883,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI826	BN81-01367A	A/S-R-CHIP;2007-001007,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI849	BN81-01367A	A/S-R-CHIP;2007-001007,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM879	BN81-01367A	A/S-R-CHIP;2007-001007,-,-,-,-,-,-,-	1	S.N.A	
.....7	CI800	BN81-01380A	A/S-C-CERAMIC,CHIP;2203-000236,-,-,-,-,-,-,-	1	S.N.A	
.....7	CI829	BN81-01380A	A/S-C-CERAMIC,CHIP;2203-000236,-,-,-,-,-,-,-	1	S.N.A	
.....7	CI830	BN81-01380A	A/S-C-CERAMIC,CHIP;2203-000236,-,-,-,-,-,-,-	1	S.N.A	
.....7	CI831	BN81-01380A	A/S-C-CERAMIC,CHIP;2203-000236,-,-,-,-,-,-,-	1	S.N.A	
.....7	CI832	BN81-01380A	A/S-C-CERAMIC,CHIP;2203-000236,-,-,-,-,-,-,-	1	S.N.A	
.....7	CP802	BN81-01380A	A/S-C-CERAMIC,CHIP;2203-000236,-,-,-,-,-,-,-	1	S.N.A	
.....7	CB802	BN81-01381A	A/S-C-CERAMIC,CHIP;2203-000257,-,-,-,-,-,-,-	1	S.N.A	
.....7	CB805	BN81-01381A	A/S-C-CERAMIC,CHIP;2203-000257,-,-,-,-,-,-,-	1	S.N.A	
.....7	CI811	BN81-01381A	A/S-C-CERAMIC,CHIP;2203-000257,-,-,-,-,-,-,-	1	S.N.A	
.....7	CI823	BN81-01381A	A/S-C-CERAMIC,CHIP;2203-000257,-,-,-,-,-,-,-	1	S.N.A	
.....7	CI880	BN81-01381A	A/S-C-CERAMIC,CHIP;2203-000257,-,-,-,-,-,-,-	1	S.N.A	
.....7	CM802	BN81-01381A	A/S-C-CERAMIC,CHIP;2203-000257,-,-,-,-,-,-,-	1	S.N.A	
.....7	CM855	BN81-01381A	A/S-C-CERAMIC,CHIP;2203-000257,-,-,-,-,-,-,-	1	S.N.A	
.....7	CM870	BN81-01416A	A/S-CAPACITOR-MLCC;ML59-00007G,-,-,-,-,-,-,-	1	S.N.A	
.....7	CM857	BN81-01538A	A/S-CAPACITOR-MLCC;ML59-00017Y,-,-,-,-,-,-,-	1	S.N.A	
.....7	CP807	BN81-01538A	A/S-CAPACITOR-MLCC;ML59-00017Y,-,-,-,-,-,-,-	1	S.N.A	
.....7	UB801	BN81-01584A	A/S-IC-POSI.ADJUST REG.;1203-003080,-,-,-	1	S.N.A	
.....7	UM801	BN81-01584A	A/S-IC-POSI.ADJUST REG.;1203-003080,-,-,-	1	S.N.A	
.....7	UM851	BN81-01584A	A/S-IC-POSI.ADJUST REG.;1203-003080,-,-,-	1	S.N.A	
.....7	RB801	BN81-01589A	A/S-R-CHIP;2007-000043,-,-,-,-,-,-,-	1	S.N.A	
.....7	RB802	BN81-01589A	A/S-R-CHIP;2007-000043,-,-,-,-,-,-,-	1	S.N.A	
.....7	RB814	BN81-01589A	A/S-R-CHIP;2007-000043,-,-,-,-,-,-,-	1	S.N.A	
.....7	RB818	BN81-01589A	A/S-R-CHIP;2007-000043,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI828	BN81-01589A	A/S-R-CHIP;2007-000043,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI830	BN81-01589A	A/S-R-CHIP;2007-000043,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI832	BN81-01589A	A/S-R-CHIP;2007-000043,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI845	BN81-01589A	A/S-R-CHIP;2007-000043,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI853	BN81-01589A	A/S-R-CHIP;2007-000043,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI880	BN81-01589A	A/S-R-CHIP;2007-000043,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM853	BN81-01589A	A/S-R-CHIP;2007-000043,-,-,-,-,-,-,-	1	S.N.A	
.....7	RB851	BN81-01590A	A/S-R-CHIP;2007-000118,-,-,-,-,-,-,-	1	S.N.A	
.....7	RM852	BN81-01590A	A/S-R-CHIP;2007-000118,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI835	BN81-01591A	A/S-R-CHIP;2007-000336,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI837	BN81-01592A	A/S-R-CHIP;2007-000467,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI838	BN81-01592A	A/S-R-CHIP;2007-000467,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI840	BN81-01592A	A/S-R-CHIP;2007-000467,-,-,-,-,-,-,-	1	S.N.A	
.....7	RI841	BN81-01592A	A/S-R-CHIP;2007-000467,-,-,-,-,-,-,-	1	S.N.A	

## 5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....7	RB808	BN81-01596A	A/S-R-CHIP;2007-000803,-,-,-,-,-	1	S.N.A	
.....7	RM873	BN81-01601A	A/S-R-CHIP;2007-000962,-,-,-,-,-	1	S.N.A	
.....7	RP807	BN81-01601A	A/S-R-CHIP;2007-000962,-,-,-,-,-	1	S.N.A	
.....7	RP808	BN81-01601A	A/S-R-CHIP;2007-000962,-,-,-,-,-	1	S.N.A	
.....7	LB803	BN81-01927A	A/S-BEAD-SMD;3301-001843	1	S.N.A	
.....7	QM801	BN81-02507A	A/S-FET-SILICON;0505-002418	1	S.N.A	
.....7	PC801S	BN81-02510A	A/S-PHOTO-COUPLER;0604-001395	1	S.N.A	
.....7	PC802S	BN81-02510A	A/S-PHOTO-COUPLER;0604-001395	1	S.N.A	
.....7	PC803S	BN81-02510A	A/S-PHOTO-COUPLER;0604-001395	1	S.N.A	
.....7	RI813	BN81-02530A	A/S-R-CHIP;2007-000287	1	S.N.A	
.....7	RI858	BN81-02530A	A/S-R-CHIP;2007-000287	1	S.N.A	
.....7	RM872	BN81-02530A	A/S-R-CHIP;2007-000287	1	S.N.A	
.....7	RI809	BN81-02533A	A/S-R-CHIP;2007-000442	1	S.N.A	
.....7	RB807	BN81-02534A	A/S-R-CHIP;2007-000455	1	S.N.A	
.....7	RP809	BN81-02535A	A/S-R-CHIP;2007-000476	1	S.N.A	
.....7	RP810	BN81-02535A	A/S-R-CHIP;2007-000476	1	S.N.A	
.....7	RP811	BN81-02535A	A/S-R-CHIP;2007-000476	1	S.N.A	
.....7	RP812	BN81-02535A	A/S-R-CHIP;2007-000476	1	S.N.A	
.....7	RB810	BN81-02538A	A/S-R-CHIP;2007-000669	1	S.N.A	
.....7	RB813	BN81-02538A	A/S-R-CHIP;2007-000669	1	S.N.A	
.....7	RM858	BN81-02538A	A/S-R-CHIP;2007-000669	1	S.N.A	
.....7	RB817	BN81-02543A	A/S-R-CHIP;2007-001023	1	S.N.A	
.....7	RX801S	BN81-02546A	A/S-R-CHIP;2007-002602	1	S.N.A	
.....7	RX802S	BN81-02546A	A/S-R-CHIP;2007-002602	1	S.N.A	
.....7	RX803S	BN81-02546A	A/S-R-CHIP;2007-002602	1	S.N.A	
.....7	RP816	BN81-02547A	A/S-R-CHIP;2007-002760	1	S.N.A	
.....7	RB803	BN81-02551A	A/S-R-CHIP;2007-007385	1	S.N.A	
.....7	RB804	BN81-02551A	A/S-R-CHIP;2007-007385	1	S.N.A	
.....7	RB805	BN81-02551A	A/S-R-CHIP;2007-007385	1	S.N.A	
.....7	RB806	BN81-02551A	A/S-R-CHIP;2007-007385	1	S.N.A	
.....7	RM876	BN81-02574A	A/S-R-CHIP;2007-009676	1	S.N.A	
.....7	CI843	BN81-02592A	A/S-C-CER,CHIP;2203-005565	1	S.N.A	
.....7	CI844	BN81-02592A	A/S-C-CER,CHIP;2203-005565	1	S.N.A	
.....7	CI848	BN81-02592A	A/S-C-CER,CHIP;2203-005565	1	S.N.A	
.....7	CI852	BN81-02592A	A/S-C-CER,CHIP;2203-005565	1	S.N.A	
.....7	CI853	BN81-02592A	A/S-C-CER,CHIP;2203-005565	1	S.N.A	
.....7	CI856	BN81-02592A	A/S-C-CER,CHIP;2203-005565	1	S.N.A	
.....7	CI861	BN81-02592A	A/S-C-CER,CHIP;2203-005565	1	S.N.A	
.....7	CI862	BN81-02592A	A/S-C-CER,CHIP;2203-005565	1	S.N.A	
.....7	CI820	BN81-02593A	A/S-C-CER,CHIP;2203-006348	1	S.N.A	
.....7	CI821	BN81-02593A	A/S-C-CER,CHIP;2203-006348	1	S.N.A	
.....7	CI822	BN81-02593A	A/S-C-CER,CHIP;2203-006348	1	S.N.A	
.....7	CI883	BN81-02593A	A/S-C-CER,CHIP;2203-006348	1	S.N.A	
.....7	CI886	BN81-02593A	A/S-C-CER,CHIP;2203-006348	1	S.N.A	
.....7	CI887	BN81-02593A	A/S-C-CER,CHIP;2203-006348	1	S.N.A	
.....7	CM851	BN81-02674A	A/S-CAPACITOR-MLCC;ML59-00010S	1	S.N.A	
.....7	CP810	BN81-02692A	A/S-CAPACITOR-CERAMIC DISC;ML59-00036C	1	S.N.A	
.....7	RM859	BN81-02913A	A/S-CHIP-RESISTOR;2007-000245	1	S.N.A	
.....7	CI825	BN81-02923A	A/S-MLCC-CHIP;ML59-00010D	1	S.N.A	
.....7	RI827	BN81-02932A	A/S-CHIP-RESISTOR;2007-000828	1	S.N.A	
.....7	UI801	BN81-02942A	A/S-IC;LH13-00113E	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....7	CP805	BN81-02943A	A/S-MLCC-CHIP;2203-000888	1	S.N.A	
.....7	RM864	BN81-02957A	A/S-CHIP-RESISTOR;2007-000536	1	S.N.A	
.....7	RI844	BN81-02958A	A/S-CHIP-RESISTOR;2007-007720	1	S.N.A	
.....7	RM871	BN81-02958A	A/S-CHIP-RESISTOR;2007-007720	1	S.N.A	
.....7	RI882	BN81-02972A	A/S-CHIP-RESISTOR;2007-007431	1	S.N.A	
.....7	RI814	BN81-02973A	A/S-CHIP-RESISTOR;2007-007847	1	S.N.A	
.....7	RI847	BN81-02973A	A/S-CHIP-RESISTOR;2007-007847	1	S.N.A	
.....7	PCB MAIN	BN81-03113A	A/S-PCB MAIN;ML41-00404G	1	S.N.A	
.....7	RM865	BN83-00102A	CKD-R-CHIP;2007-000934,GH17ASPS/XAZ,SEDA	1	S.N.A	
.....7	RM866	BN83-00102A	CKD-R-CHIP;2007-000934,GH17ASPS/XAZ,SEDA	1	S.N.A	
.....7	ZDM802	BN81-00737A	A/S-DIODE-ZENER;0403-001555,-,-,-,-,-	1	S.N.A	
.....7	CM801	BN81-01189A	A/S-C-CER,CHIP;2203-002050	1	S.N.A	
.....7	CP806	BN81-01189A	A/S-C-CER,CHIP;2203-002050	1	S.N.A	
.....7	CI805	BN81-01230A	A/S-CAPACITOR;ML59-00017M	1	S.N.A	
.....7	CI806	BN81-01230A	A/S-CAPACITOR;ML59-00017M	1	S.N.A	
.....7	ZDI803	BN81-02904A	A/S-ZENER;0403-001371	1	S.N.A	
.....7	RI834	BN81-01368A	A/S-R-CHIP;2007-001038,-,-,-,-,-	1	S.N.A	
.....7	QM853	BN81-02506A	A/S-FET-SILICON;0505-002417	1	S.N.A	
.....7	CI808	BN81-03175A	A/S-MLCC-CHIP;2203-000491	1	S.N.A	
.....7	CI841	BN81-03175A	A/S-MLCC-CHIP;2203-000491	1	S.N.A	
.....7	CI842	BN81-03175A	A/S-MLCC-CHIP;2203-000491	1	S.N.A	
.....7	CI847	BN81-03175A	A/S-MLCC-CHIP;2203-000491	1	S.N.A	
.....7	CI850	BN81-03175A	A/S-MLCC-CHIP;2203-000491	1	S.N.A	
.....7	CI851	BN81-03175A	A/S-MLCC-CHIP;2203-000491	1	S.N.A	
.....7	CI855	BN81-03175A	A/S-MLCC-CHIP;2203-000491	1	S.N.A	
.....7	CI858	BN81-03175A	A/S-MLCC-CHIP;2203-000491	1	S.N.A	
.....7	CI860	BN81-03175A	A/S-MLCC-CHIP;2203-000491	1	S.N.A	
.....6	CM804	BN81-02606A	A/S-C-AL;2401-004452	1	S.N.A	
.....5	DM857	BN81-00743A	A/S-DIODE-SCHOTTKY;0404-001275,-,-,-,-,-	1	S.N.A	
.....5	CP801S	BN81-02598A	A/S-C-FILM,LEAD;2301-001884	1	S.N.A	
...3		BN98-01957A	ASSY K/D-POWER 2;BN44-00261A	1	S.N.A	
....4	CON1	BN81-02955A	A/S-CONNECTOR;3711-005525	1	S.N.A	
....4	PCB SUB	BN81-03114A	A/S-PCB SUB;ML41-00404K	1	S.N.A	



**GSPN (Global Service Partner Network)**

Area	Web Site
North America	<a href="http://service.samsungportal.com">http://service.samsungportal.com</a>
Latin America	<a href="http://latin.samsungportal.com">http://latin.samsungportal.com</a>
CIS	<a href="http://cis.samsungportal.com">http://cis.samsungportal.com</a>
Europe	<a href="http://europe.samsungportal.com">http://europe.samsungportal.com</a>
China	<a href="http://china.samsungportal.com">http://china.samsungportal.com</a>
Asia	<a href="http://asia.samsungportal.com">http://asia.samsungportal.com</a>
Mideast & Africa	<a href="http://mea.samsungportal.com">http://mea.samsungportal.com</a>

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